JVC

SERVICE MANUAL

COLOR TELEVISION

BASIC CHASSIS
GE2

AV-32430/M, AV-32432/M,
AV-32430/R, AV-32432/R,
AV-32430/Y, AV-32432/Y

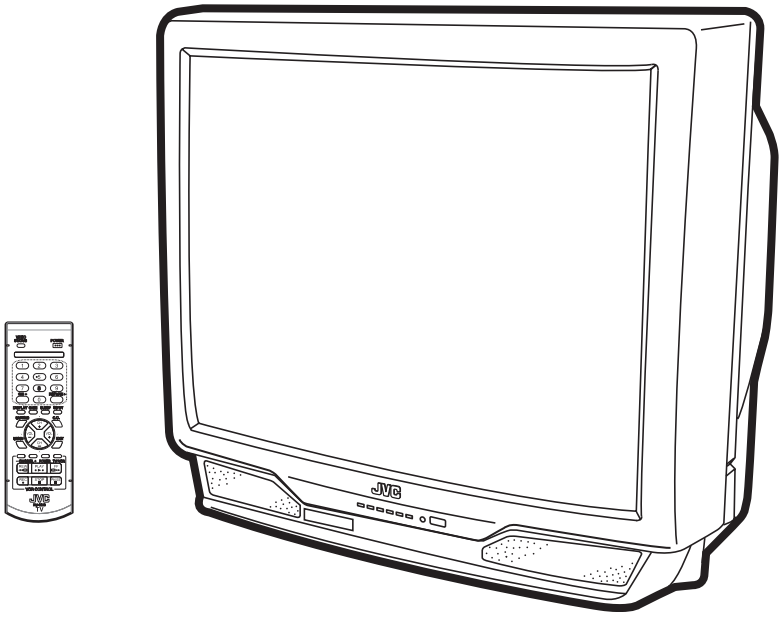

TABLE OF CONTENTS

1 PRECAUTIONS 1-3
2 SPECIFIC SERVICE INSTRUCTIONS 1-4
3 ADJUSTMENT 1-12

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No.52104
2003/04

SPECIFICATION

Items	Contents
Dimensions (W x H x D)	76.8cm x 66.7cm x 54.7cm (30-1/4” x 26-1/4” x 21-1/2”)
Mass	51.0kg (112.2 lbs)
TV RF System	CCIR (M)
Color Sound System	NTSC, BTSC System (Multi Channel Sound)
TV Receiving Channels and Frequency VHF LOW VHF HIGH UHF CATV	 02ch~06ch : 54MHz~88MHz 07ch~13ch : 174MHz~216MHz 14ch~69ch : 470MHz~806MHz 54MHz~804MHz Low Band : 02~06, A-8 by 02~06&01 High Band : 07~13 by 07~13 Mid Band : A~1 by 14~22 Super Band : J~W by 23~36 Hyper Band : W+1~W+28 by 37~64 Ultra Band : W+29~W+84 by 65~125 Sub Mid Band : A8, A4~A1 by 01, 96~99
TV/CATV Total Channel	180 Channels
Intermediate Frequency Video IF Carrier Sound IF Carrier	 45.75MHz 41.25MHz (4.5MHz)
Color Sub Carrier	3.58MHz
Power Input	AC 120V, 60Hz
Power Consumption	128W
Picture Tube	32” (80cm) Measured diagonally H:65.6cm x V:49.6cm
High Voltage	31kV±1.3kV (at zero beam current)
Speaker	8 x 12cm (3-1/4” x 4-3/4”) Oval type x 2
Audio Power Output	3W + 3W
Antenna Terminal (VHF/UHF)	F-type connector, 75ohm
Video / Audio Input (1 / 2 / 3) Video (1 / 3) Audio (1 / 2 / 3) S-Video (1) Component video (2)	 1V(p-p), 75ohm (RCA pin jack x 2) 500mV(rms) (-4dBs), high impedance (RCA pin jack x 8) Mini DIN 4pin x 1 Y : 1V(p-p) positive (negative sync provided, when terminated with 75ohm) C : 0.286V(p-p) (burst signal when terminated with 75ohm) RCA pin jack x 3 Y : 1V(p-p) positive (negative sync provided, when terminated with 75ohm) Pb/Pr : 0.7V(p-p) 75ohm
Audio Output (Fix)	500mV(rms), low impedance, (1kHz when modulated 100%) (RCA pin jack x 2)
AV Compulink lll	3.5mm mini jack x 1
Remote Control Unit	RM-C203 (Lithium cell battery x 1)

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTIONS

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Use isolation transformer when hot chassis.**
The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.

(5) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
If above note will not be kept, a fuse or any parts will be broken.

(6) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(7) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).

(8) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

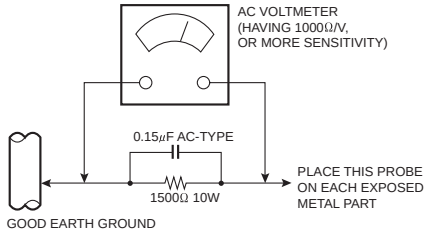
(9) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(10) **Isolation Check**
(Safety for Electrical Shock Hazard) After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

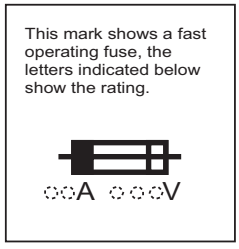
a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires test equipment not generally found in the service trade.

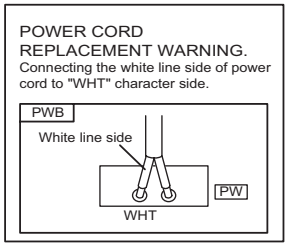
b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s).

- **Alternate Check Method**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500ohm 10W resistor paralleled by a 0.15µF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



(11) **High voltage hold down circuit check.**
After repair of the high voltage hold down circuit, this circuit shall be checked to operate correctly.
See item **"How to check the high voltage hold down circuit"**.





SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

TELETEXT (CLOSED CAPTION)	Title TELETEXT broadcast of C1~C4 and T1~T4 formula is receivable.
DIGITAL COMB FILTER	By the three-line digital comb filter, the refreshed image can be seen.
VIDEO STATUS	Expression of a favorite screen can be chosen by the VIDEO STATUS function (STANDARD / DYNAMIC / SPORTS / GAME).
V-CHIP	Since the V chip is built in, it can choose, view and listen to a healthy program.
COMPONENT VIDEO INPUT TERMINAL	Since the component signal input terminal is equipped, it reappears direct without deteriorating the signal from DVD.
MTS STEREO SYSTEM	The voice multiplex function of the MTS system is built in. (MTS = Multi channel TV Sound system)
EZ SURF	By the EZ SURF function, channel ID and a program name are displayed in the screen automatically.
RETURN PLUS	you program a specific channel to return to while scanning through the channels using the CH+ and CH- buttons.
AV COMPULINK lll	By the AV COMPULINK lll function, operation interlocked with the DVD deck can be performed from remote control.
ON / OFF & SLEEP TIMER	The on/off timer lets you program your television to turn itself on or off. You can use it as an alarm to wake up, to help you remember important programs, or as a decoy when you're not home.
HYPER SCAN	A quick favorite program can be looked for by the HYPER SCAN function.
FRONT PANEL LOCK	This allows you to lock the keys on the front of the TV, so that a child may not accidentally change your viewing preferences.
NOISE MUTING	This feature inserts a blank blue screen over channels which are not broadcasting or are too weak to be received clearly.

2.2 MAIN DIFFERENCE LIST

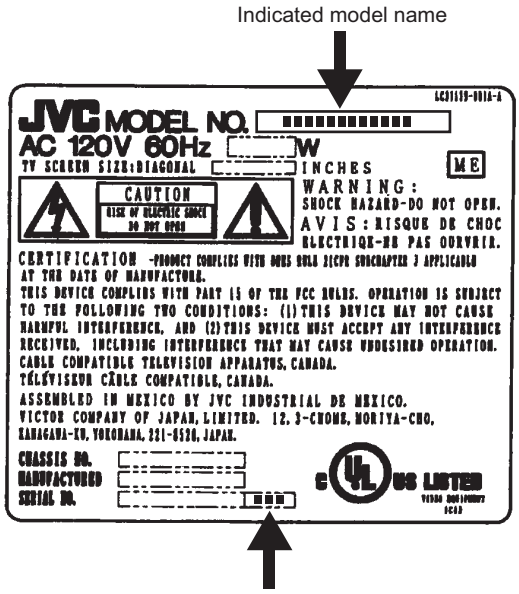
- The difference between MA models, RA model, and YA models is in the PICTURE TUBE. As the result of the difference in PICTURE TUBE, the MAIN PWB also differ.
- The difference between AV-32430 series models and AV-32432 series models are in the FRONT CABINET color.

⚠	PART NAME	AV-32430/MA	AV-32430/RA	AV-32430/YA
⚠	FRONT CABINET (BLACK)	CM12914-010-MA	←	←
⚠	MAIN P.W.B. ASSY	SGE-1064A-M2	SGE-1066A-M2	SGE-1065A-M2
⚠	CRT SOCKET P.W.B. ASSY	SGE-3061A-M2	←	SGE-3062A-M2
⚠	AV SELECT P.W.B. ASSY	SGE-5062A-M2	←	←
⚠	PICTURE TUBE (ITC)	M80JUA061X06	A80AEJ15X01	A80AKB50X04

⚠	PART NAME	AV-32432/MA	AV-32432/RA	AV-32432/YA
⚠	FRONT CABINET (SILVER)	CM12914-012-MA	←	←
⚠	MAIN P.W.B. ASSY	SGE-1061A-M2	SGE-1063A-M2	SGE-1062A-M2
⚠	CRT SOCKET P.W.B. ASSY	SGE-3061A-M2	←	SGE-3062A-M2
⚠	AV SELECT P.W.B. ASSY	SGE-5061A-M2	←	←
⚠	PICTURE TUBE (ITC)	M80JUA061X06	A80AEJ15X01	A80AKB50X04

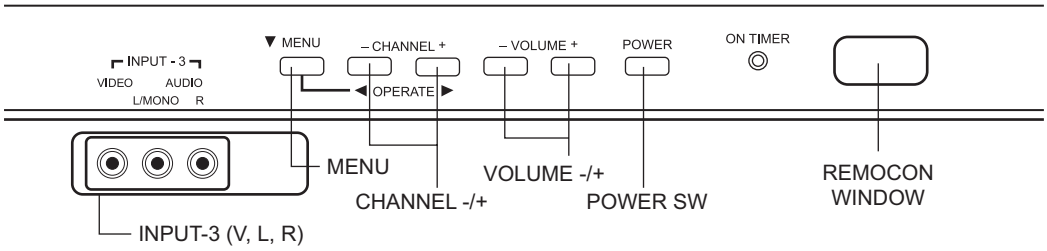
2.3 HOW TO IDENTIFY MODELS

How to recognize from the appearance of the model concerned is written below.
Please distinguish from several contents printed on the rating label.

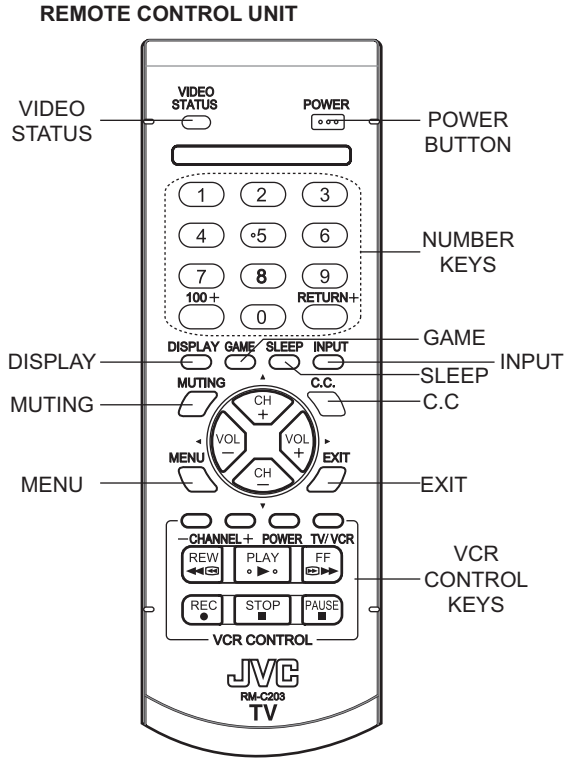

Indicated model name
JVC MODEL NO.
AC 120V 60Hz
W
TV SCREEN SIZE:DIAGONAL
INCHES
ME
CAUTION
WARNING:
SHOCK HAZARD-DO NOT OPEN.
AVIS: RISQUE DE CHOC
ELECTRIQUE-NE PAS OUVRIR.
CERTIFICATION -PRODUCT COMPLIES WITH DHHS RULE 21CFR SUBCHAPTER J APPLICABLE
AT THE DATE OF MANUFACTURE.
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT
TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE
HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE
RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.
CABLE COMPATIBLE TELEVISION APPARATUS, CANADA.
TÉLÉVISEUR CÂBLE COMPATIBLE, CANADA.
ASSEMBLED IN MEXICO BY JVC INDUSTRIAL DE MEXICO.
VICTOR COMPANY OF JAPAN, LIMITED. 12, 3-CHOME, MORIYA-CHO,
KANAGAWA-KU, YOKOHAMA, 221-8528, JAPAN.
CHASSIS NO.
MANUFACTURED
SERIAL NO.
c UL us LISTED
Indicated /M, /R or /Y model

2.4 FUNCTIONS

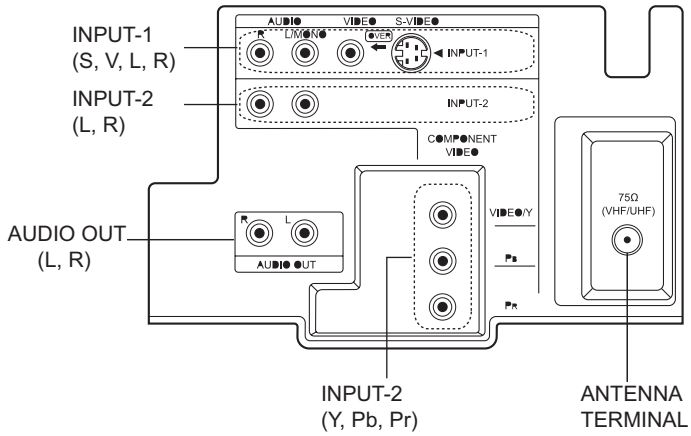
FRONT CONTROL PANEL



REMOTE CONTROL UNIT



REAR TERMINAL



2.5 DISASSEMBLY PROCEDURE

2.5.1 REMOVING THE REAR COVER

- Unplug the power plug.
  (1) Remove the 11 screws **[A]**, as shown in Fig.1.
  (2) Remove the rear cover toward you.

NOTE:

When reinstalling the REAR COVER, carefully push it inward after inserting the chassis into the rear cover groove.

2.5.2 REMOVING THE TERMINAL BOARD

- Remove the REAR COVER.
  (1) Remove the 4 screws **[E]** as shown in Fig.2.
  (2) When you pull out the TERMINAL BOARD, it can be removed.

2.5.3 REMOVING THE MAIN PWB

- Remove the REAR COVER.
  (1) Slightly raise the both sides of the CHASSIS BASE by hand, and remove the 2 claws **[B]** (Fig.1 and Fig.2) under the both sides of the chassis from the chassis rail.
  (2) Draw the CHASSIS BASE backward along the chassis rail **[C]** in the arrow direction **[D]** as shown in Fig.1 and Fig.2. (If necessary, detach the wire clamp, connector's etc.)

NOTE:

When conducting a check with power supplied, be sure to confirm that the CRT earth wire is connected to the CRT SOCKET PWB and the MAIN PWB.

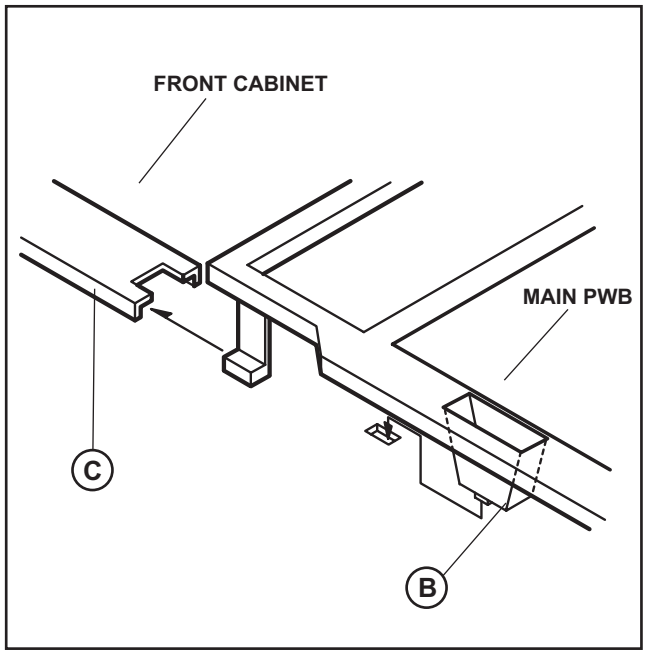


Fig.1

2.5.4 REMOVING THE FRONT CONTROL PWB

- Remove the REAR COVER.
- Remove the MAIN PWB.
  (1) Remove the 2 screws **[F]** attached the FRONT CONTROL PWB with the front cabinet as shown in Fig.2.
  (2) Then remove the FRONT CONTROL PWB.

2.5.5 REMOVING THE FRONT TERMINAL PWB

- Remove the REAR COVER.
- Remove the CHASSIS BASE.
  (1) Remove the 2 screws **[G]**, as shown in Fig.2.
  (2) Then remove the FRONT AV IN PWB.

2.5.6 REMOVING THE SPEAKER

- Remove the REAR COVER.
- Remove the CHASSIS BASE.
  (1) Remove the 2 screws **[H]**, as shown in Fig.2.
  (2) Follow the same steps when removing the other hand speaker.

2.5.7 CHECKING THE MAIN PWB

(1) Pull out the CHASSIS BASE. (Refer to REMOVING THE CHASSIS BASE).
(2) Erect the chassis vertically so that you can easily check from the backside of the MAIN PWB.

2.5.8 CAUTION

(1) When erecting the chassis, be careful so that there will be no contacting with other PWB.
(2) Before turning on power, make sure that the CRT earth wire and other connectors are properly connected.

2.5.9 WIRE CLAMPING AND CABLE TYING

(1) Be sure to clamp the wire.
(2) Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

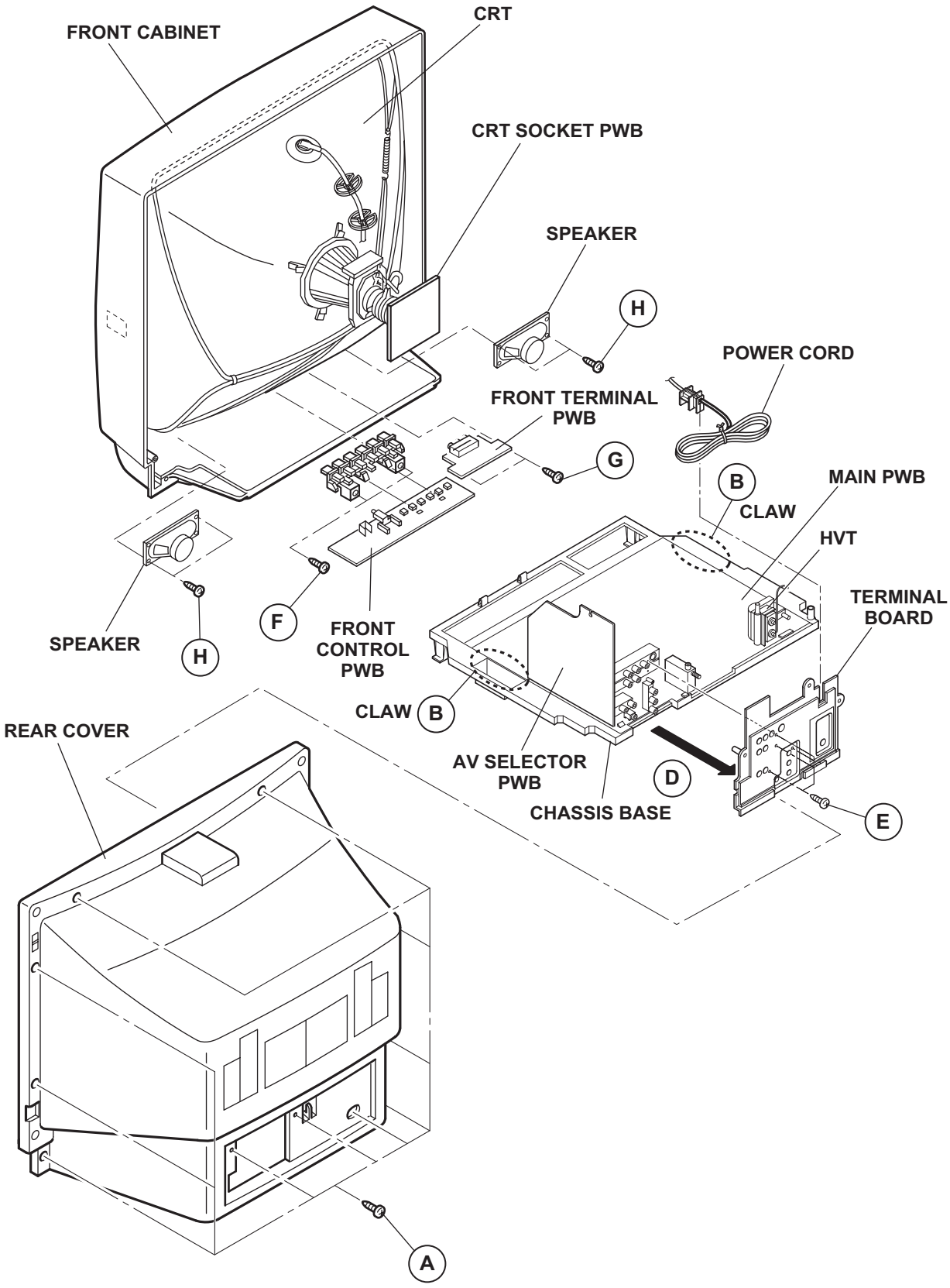

FRONT CABINET
CRT
CRT SOCKET PWB
SPEAKER
H
POWER CORD
FRONT TERMINAL PWB
G
B
CLAW
MAIN PWB
HVT
TERMINAL BOARD
SPEAKER
H
F
FRONT CONTROL PWB
CLAW
B
AV SELECTOR PWB
D
CHASSIS BASE
E
REAR COVER
A

Fig.2

2.6 REMOVING THE CRT

NOTE:

- Replacement of the CRT should be performed by 2 or more persons.
- After removing the REAR COVER, CHASSIS etc.,

(1) Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig. 3).

(2) While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig. 3.

(3) Remove 4 screws marked by arrows with a box type screw-driver as shown in Fig. 4.

NOTE:

Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.

(4) After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front
surface of the cabinet) shown in Fig. 5.

NOTE:

- The CRT should be assembled according to the opposite sequence of its dismounting steps.
- The CRT change table should preferably be smaller that the CRT surface, and its height be about 35cm.

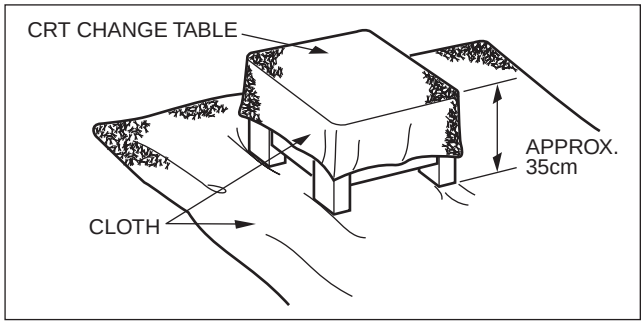


Fig.3

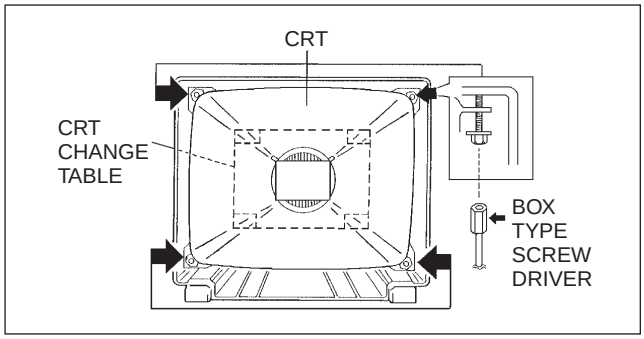


Fig.4

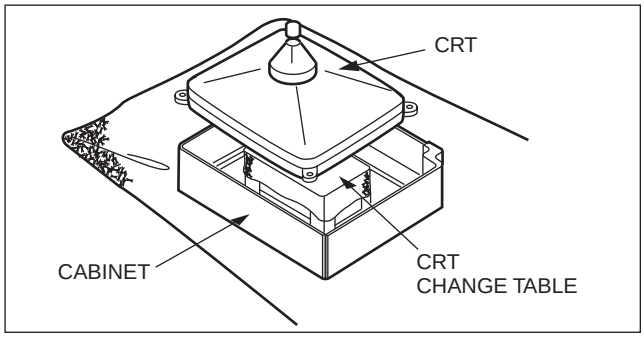


Fig.5

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION.

Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismounting them, be sure to coat silicon grease for electrical insulation as shown in Fig.6.
Wipe around the anode button with clean and dry cloth. (Fig.6)
Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases dose not sticks to the anode button. (Fig.7)

Silicon grease product No. KS - 650N

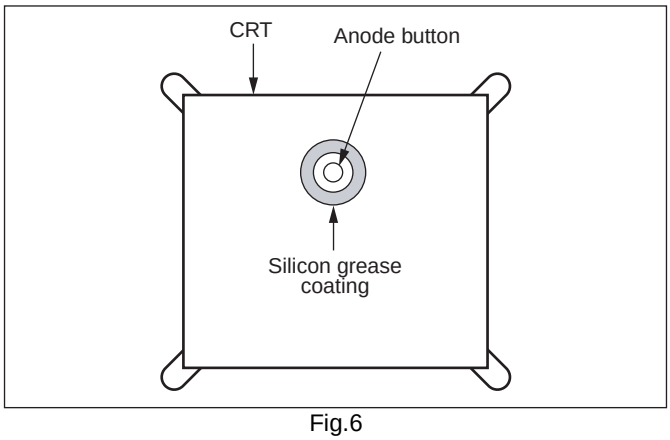


Fig.6

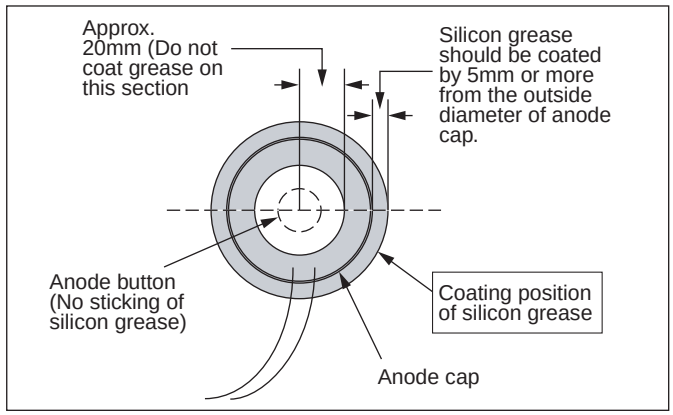


Fig.7

2.7 MEMORY IC REPLACEMENT

2.7.1 MEMORY IC

This TV use memory IC.
In the memory IC, there are memorized data for correctly operating the video and deflection circuits.
When replacing the memory IC, be sure to use IC written with the initial values of data.

2.7.2 PROCEDURE FOR REPLACING MEMORY IC

(1) Power off
Switch the power off and unplug the power plug.

(2) Replace IC
Be sure to use a memory IC written with the initial setting data.

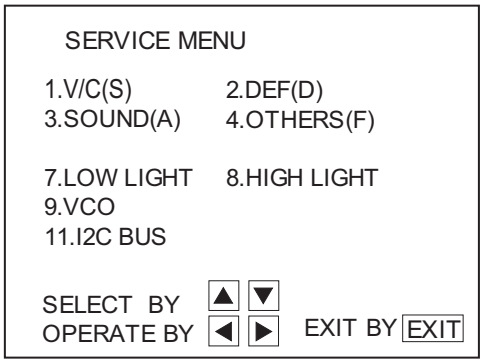
(3) Power on
Connect the power plug and switch the power on.

(4) Setting of receive channels
Set the receive channels. For setting, refer to the OPERATING INSTRUCTIONS.

(6) User settings
Check the user setting items according to TABLE 2, and if these are different, set the correct value.

(7) SERVICE MENU setting
Verify what to set in the SERVICE MENU, and set whatever is necessary. Refer to the SERVICE ADJUSTMENT for setting.

SERVICE MENU



2.7.3 USER SETTING VALUES

Setting item	Setting value	Setting item	Setting value
REMOTE CONTROL UNIT KEY			
POWER	OFF	DISPLAY	OFF
CHANNEL	CH-02	VIDEO STATUS	DYNAMIC
VOLUME	15	SLEEP TIMER	0
TV/VIDEO	TV		
SETTING OF MENU			
PICTURE MODE		**INITIAL SETUP MODE**	
TINT	Center	LANGUAGE	ENG
COLOR	Center	FRONT PANEL LOCK	OFF
PICTURE	+8	V2 COMPONENT-IN	NO
BRIGHT	Center	AUTO SHUT OFF	OFF
DETAIL	+10	CLOSED CAPTION	OFF
NOISE MUTING	ON	AUTO TUNER SETUP	AIR
SOUND MODE		CHANNEL SUMMARY	Unnecessary to set
BASS	Center	V-CHIP	OFF
TREBLE	Center	SET LOCK CODE	(0000) Unnecessary to set
BALANCE	Center	XDS ID	ON
MTS	STEREO		
CLOCK / TIMERS MODE			
SET CLOCK	MANUAL		
	TIME ZONE : PACIFIC		
	D.S.T. : OFF		
ON / OFF TIMER	OFF		

TABLE 2

2.8 REPLACEMENT OF CHIP COMPONENT

2.8.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

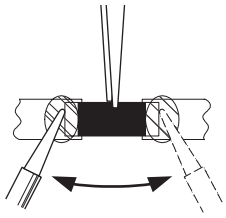
2.8.2 SOLDERING IRON

(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

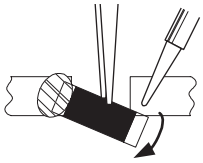
2.8.3 REPLACEMENT STEPS

1. How to remove Chip parts
[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



(2) Shift with the tweezers and remove the chip part.



[Transistors, diodes, variable resistors, etc.]

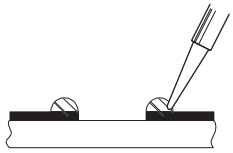
(1) Apply extra solder to each lead.

(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

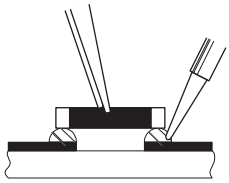
Note :
After removing the part, remove remaining solder from the pattern.

2. How to install Chip parts
[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

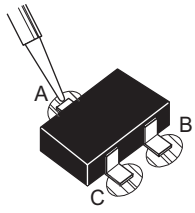


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

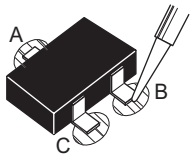


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 3
ADJUSTMENT

3.1 ADJUSTMENT PREPARATION

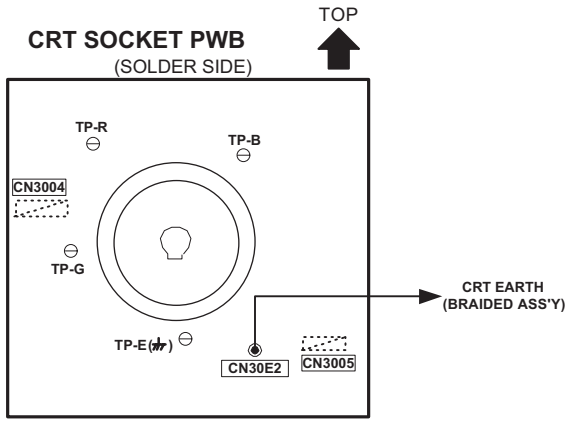
(1) There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.
(2) The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.
(7) Preparation for adjustment. Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

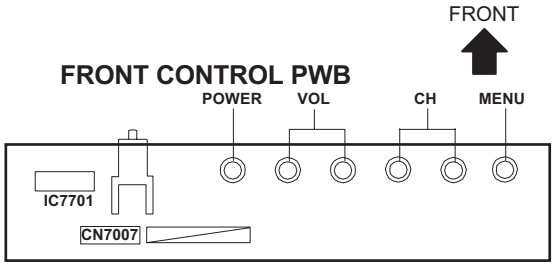
Item	Preset value
VIDEO STATUS	DYNAMIC
TINT, COLOR, PICTURE, BRIGHT, DETAIL	Center
NOISE MUTING	OFF
BASS, TREBLE, BALANCE	Center
MTS	STEREO

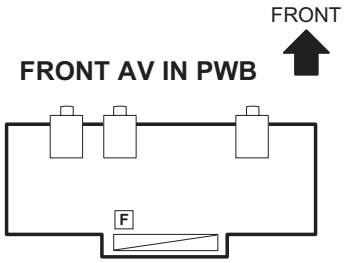
3.2 MEASURING INSTRUMENT AND FIXTURES

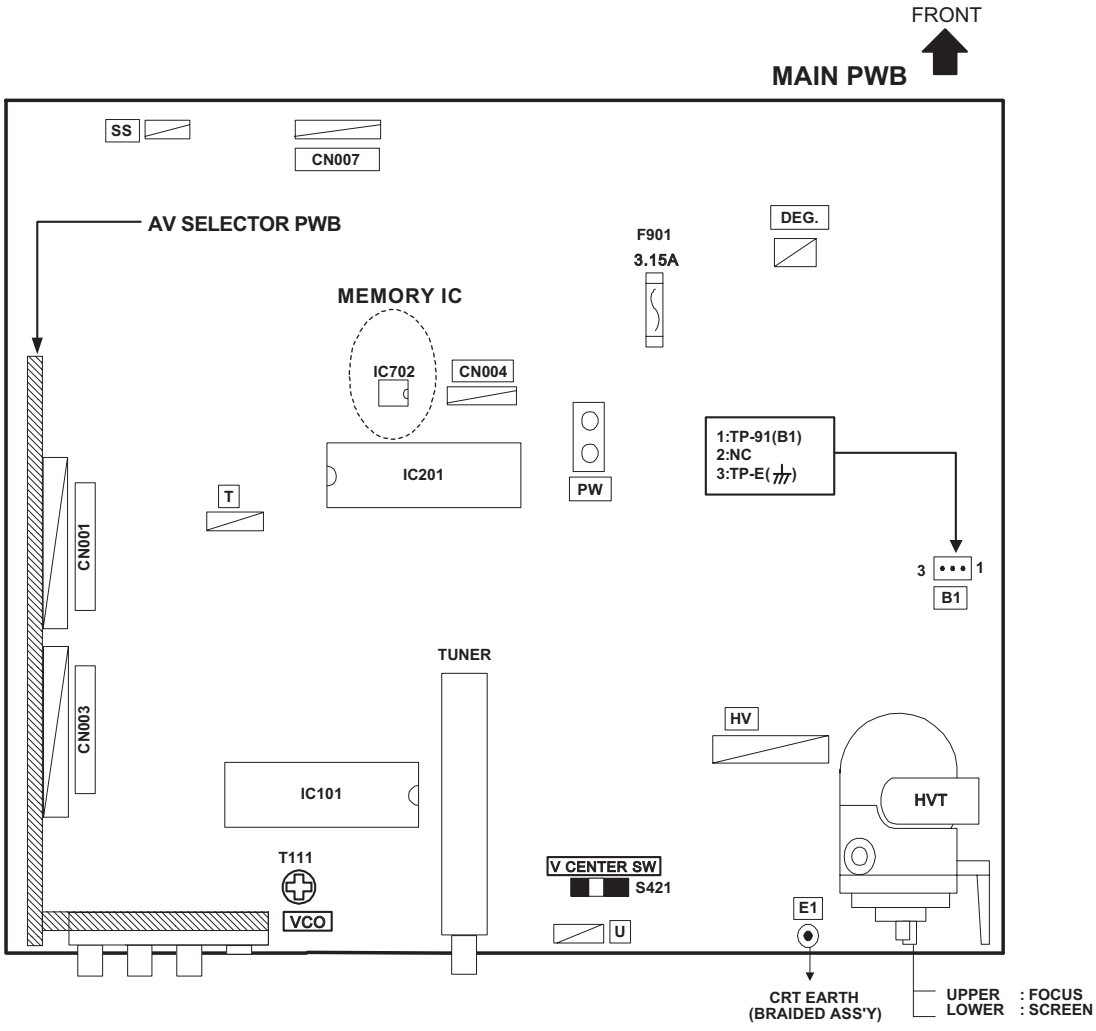
(1) DC voltmeter (or digital voltmeter)
(2) Oscilloscope
(3) Frequency counter
(4) Signal generator (Pattern generator) [NTSC]
(5) TV audio multiplex signal generator
(6) Remote control unit

3.3 ADJUSTMENT LOCATIONS









3.4 BASIC OPERATION OF SERVICE MENU

3.4.1 TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

3.4.2 SERVICE MENU ITEMS

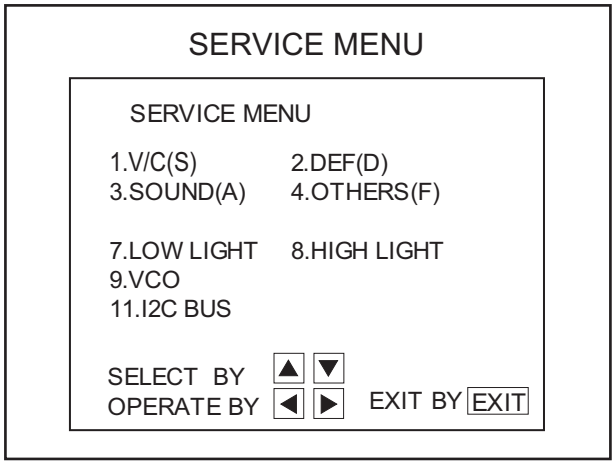
With the SERVICE MENU, various adjustments can be made, and they are broadly classified in the following items of settings.

(1) V/C (S)	This mode adjusts the VIDEO and CHROMA control circuit.
(2) DEF (D)	This mode adjusts the DEFLECTION control circuit.
(3) SOUND (A)	This mode adjusts the SOUND control circuit.
(4) OTHERS (F)	This mode adjusts the display setting and the other settings (Do not change the values).
(7) LOW LIGHT	This mode adjusts the WHITE BALANCE (LOW LIGHT) control circuit.
(8) HIGH LIGHT	This mode adjusts the WHITE BALANCE (HIGH LIGHT) control circuit.
(9) VCO	This mode adjusts the VCO control circuit.
(11) I2C BUS	This mode adjusts the I^2C BUS control circuit (They are fixed).

3.4.3 BASIC OPERATION IN SERVICE MENU

3.4.3.1 HOW TO ENTER THE SERVICE MENU

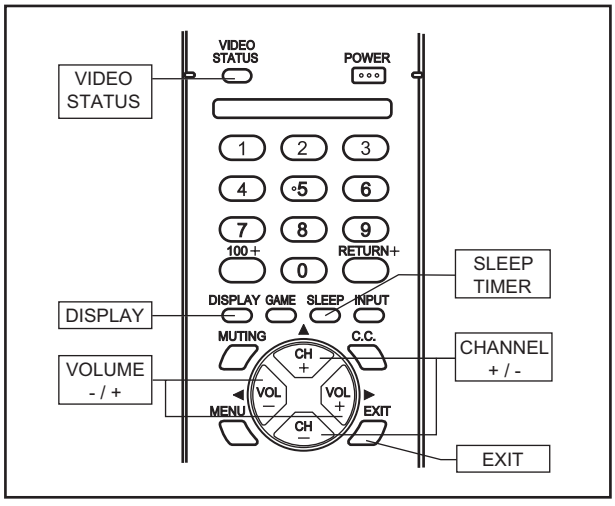
Press the [SLEEP TIMER] key and set the SLEEP TIMER for "0 MIN".
Then press the [DISPLAY] key and [VIDEO STATUS] key of the remote control unit at the same time to enter the SERVICE MENU screen.



3.4.3.2 SUB MENU SCREEN SELECTION

Press [VOLUME (-/+)] keys of the REMOTE CONTROL UNIT, and select the SUB MENU SCREEN from SERVICE MENU.
In SERVICE MENU, press the [CHANNEL (-/+)] key to select any of the SUB MENU items. The letters of the selected items are displayed in yellow.

1.V/C(S) 2.DEF(D)
3.SOUND(A) 4.OTHERS(F)
7.LOW LIGHT 8.HIGH LIGHT
9.VCO
11.I2C BUS



3.4.3.3 SETTING METHOD

[1.V/C(S), 2.DEF(D) AND 3.SOUND(A) ADJUSTMENT MODE]

1) Press the [CHANNEL (-/+)] keys to select the one of setting item from S01 BRIGHT to S21 AGC ADJ.
2) Press the [VOLUME (-/+)] keys to change the setting value. The setting value will be stored automatically when release the REMOTE CONTROL UNIT keys.
   It can adjust the items 2.DEF(D) and 3.SOUND(A) in the same procedure.

[7.LOW LIGHT, 8.HIGH LIGHT AND 9.VCO ADJUSTMENT MODE]

Since the key operation in this mode is peculiar, please refer to the clause of the "ADJUSTMENT PROCEDURE".

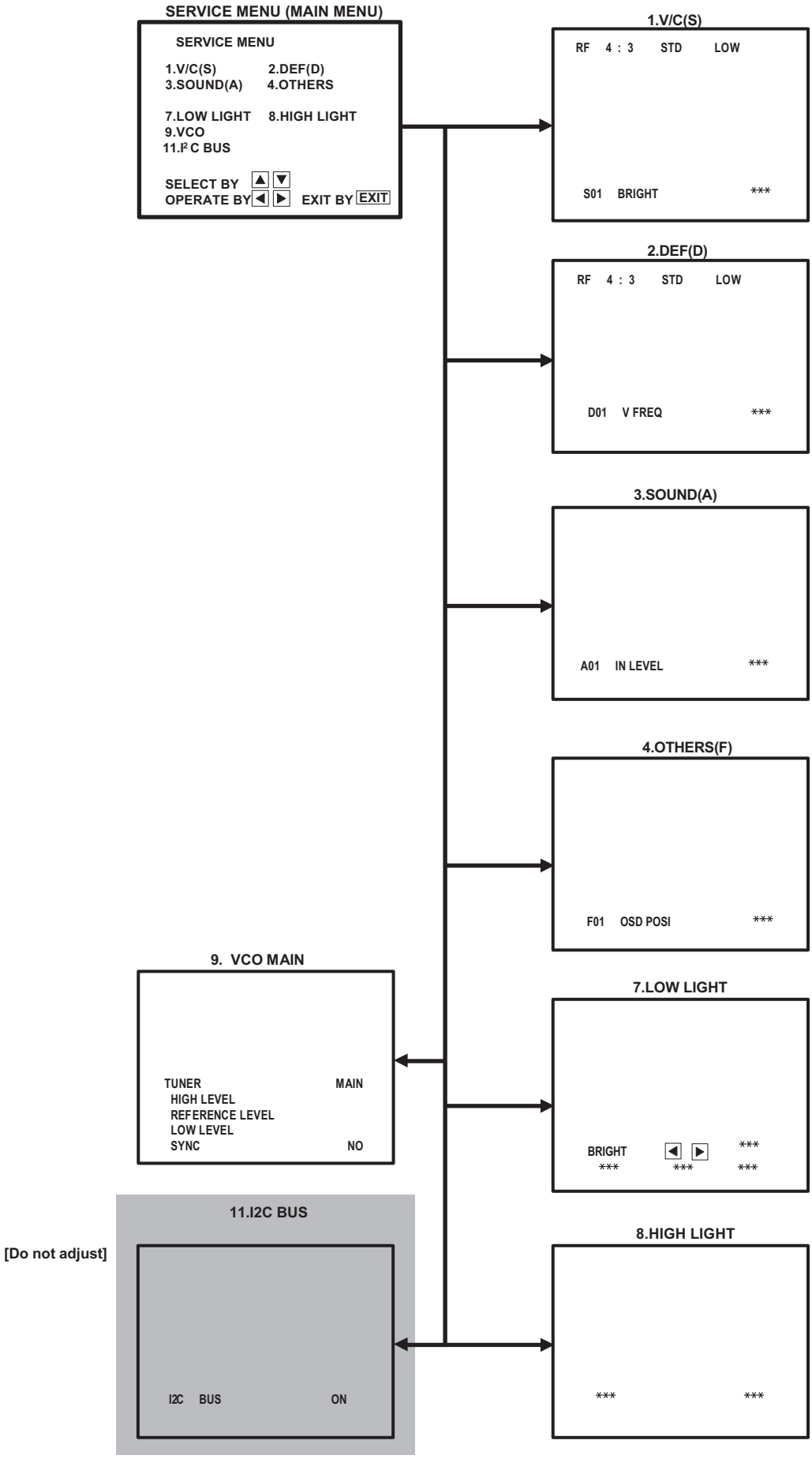
[4.OTHERS AND 11.I2C BUS ADJUSTMENT MODE]

These are no requirement for adjustment. Don't change these values.

3.4.3.4 Release of SERVICE MENU

When adjustment is completed, press the [EXIT] key twice. Then return to the normal screen.

3.4.4 SERVICE MENU FLOW CHART



3.5 INITIAL SETTING VALUE OF SERVICE MENU

(1) Adjustment of the SERVICE MENU is made on the basis of the initial setting values. However, the new setting values which displays on the screen in its optimum condition may differ from the initial setting value.
(2) Do not change the initial setting values of the items not listed in "ADJUSTMENT PROCEDURE".
(3) "---" is impossible to adjust.

3.5.1 [1.V / C]

No.	Setting item	Variable range	Initial setting value					
			RF		EXTERNAL (SV,CV)		COMPONENT	
			STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER
S01	BRIGHT	0~127	64	---	---	---	---	---
S02	PICTURE	0~127	55	---	---	---	---	---
S03	COLOR	0~127	50	---	---	---	55	---
S04	TINT	0~127	60	---	---	---	78	---
S05	DETAIL	0~63	37	---	35	---	40	---
S06	BRIGHT +-	-128~+127	---	1	-2	---	0	---
S07	PICT+-	-128~+127	---	-10	0	---	0	---
S08	COLOR +-	-128~+127	---	-3	-2	---	---	---
S09	TINT+-	-128~+127	---	-3	2	---	---	---
S10	DETAIL+-	-128~+127	---	0	---	---	---	---

No.	Setting item	Variable range	Initial setting value							
			RF/EXT (SV,CV)				COMPONENT			
			STANDARD		THEATER		STANDARD		THEATER	
			LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
S11	R CUT OFF	0~255	30	---	---	---	---	---	---	---
S12	G CUT OFF	0~255	30	---	---	---	---	---	---	---
S13	B CUT OFF	0~255	30	---	---	---	---	---	---	---
S14	R DRIVE	0~127	64	---	---	---	---	---	---	---
S15	B DRIVE	0~127	64	---	---	---	---	---	---	---
S16	R CUT+-	-128~+127	---	0	0	0	-10	---	---	---
S17	G CUT+-	-128~+127	---	0	0	0	0	---	---	---
S18	B CUT+-	-128~+127	---	0	0	0	-10	---	---	---
S19	R DRV+-	-128~+127	---	0	7	7	0	---	---	---
S20	B DRV+-	-128~+127	---	0	-9	-9	0	---	---	---

No.	Setting item	Variable range	Initial setting value
S21	AGC ADJUST	0~127	80

3.5.2 [2.DEF]

No.	Setting item	Variable range	Initial setting value					
			AV-32430 /M AV-32432 /M		AV-32430 /Y AV-32432 /Y		AV-32430 /R AV-32432 /R	
			RF	EXTERNAL (SV, CV)	RF	EXTERNAL (SV, CV)	RF	EXTERNAL (SV, CV)
D01	AFC GAIN	0~3	0	2	0	2	0	2
D02	H POSI	0~31	20	20	20	20	20	20
D03	V SIZE	0~125	63	63	70	70	70	70
D04	V S CORR	0~15	5	5	5	5	5	5
D05	V LIN	0~15	12	12	12	12	12	12
D06	H SIZE	0~63	17	17	26	26	27	27
D07	WVMT TOP	0~3	0	0	0	0	0	0
D08	WVMT BTM	0~3	0	0	0	0	0	0
D09	EWCR TOP	0~31	12	12	12	12	12	12
D10	EWCR BTM	0~31	15	15	15	15	15	15
D11	EW PARA	0~63	30	30	36	36	36	36
D12	BLANK SW	0~1	0	0	0	0	0	0

3.5.3 [3.SOUND]

No.	Setting item	Variable range	Initial setting value
A01	IN LEVEL	0~63	36
A02	FH MON	0~1	0
A03	ST VCO	0~63	43
A04	PIL CAN	0~1	0
A05	FILTER	0~63	35
A06	LOW SEP	0~63	8
A07	HI SEP	0~63	26
A08	5FH MON	0~1	0
A09	SAP VCO	0~63	44

3.5.4 [4.OTHERS]

No.	Setting item	Variable range	Initial setting value
F01	OSD POSI	0~255	40
F02	OSD PREQ	0~255	90
F03	CCD POSI	0~63	47
F04	CCD FREQ	0~255	93
F05	CCD CONT	0~63	7
F06	PUR CONT	0~255	2
F07	VNR CHK	0~255	3
F08	VCSN TM	0~255	5
F09	CCD PCHK	0~1	1

3.5.5 [7.LOW LIGHT]

No.	Setting item	Variable range	Initial setting value
1	RED	0~255	30
2	GREEN	0~255	30
3	BLUE	0~255	30

3.5.6 [8.HIGH LIGHT]

No.	Setting item	Variable range	Initial setting value
1	RED	0~255	64
2	BLUE	0~255	64

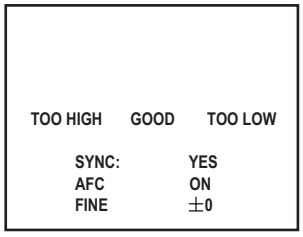
3.6 ADJUSTMENT PROCEDURE

3.6.1 CHECK ITEM

Item	Measuring instrument	Test point	Adjustment part	Description
B1 POWER SUPPLY check	DC voltmeter Signal generator	B1 Connector TP-91, TP-E [MAIN PWB]		(1) Receive the black-and-white signal. (color off) (2) Connect the DC voltmeter to TP-91 (B1 connector 1 pin) and TP-E (B1 connector 3 pin). (3) Confirm that the voltage is DC134V±2V.

3.6.2 IF VCO

Item	Measuring instrument	Test point	Adjustment part	Description
IF VCO	Remote control unit		[9.VCO] CW transf. (T111) [MAIN PWB]	• It must not adjust without inputting the RF signal. (1) Receive a broadcast. (2) Select 9.VCO. (3) Change the [AFC] to OFF and [FINE] to 0. (4) Confirm that the color change from "TOO HIGH" to "TOO LOW" by CW transf. on MAIN PWB, and check the [SYNC] is YES. (5) Adjust CW transf. until "GOOD" letters turns green. And then confirm that the [SYNC] is YES again. Adjustment can be done in this statement. (6) It return the [AFC] to ON. (7) Push the [EXIT] key to exit the [9.VCO] mode.



3.6.3 RF AGC

Item	Measuring instrument	Test point	Adjustment part	Description
RF AGC	Signal generator Remote control unit		[1.V/C(S)] S21 : AGC ADJ	(1) Receive a black-and-white signal (colour off). (2) Select 1.V/C. (3) Select <S21>(AGC ADJ). (4) Press the [MUTING] key and turn the picture color off. (5) With the [VOLUME (-)] key to get the noise in the screen picture (zero side of setting value). (6) Press the [VOLUME (+)] key several times and step when noise disappears from the screen (at that time, not to increase the value too much). (7) Change to other channels and make sure that there is no irregularity. (8) Press the [MUTING] key and get color out.

No.	Setting item	Variable range	Initial setting value
S21	AGC ADJ	0~127	80

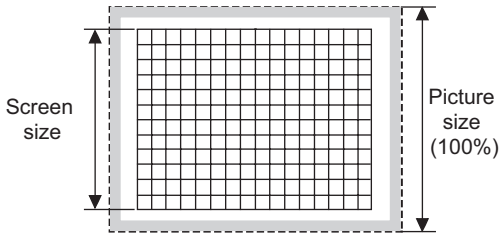
3.6.4 FOCUS

Item	Measuring instrument	Test point	Adjustment part	Description
FOCUS	Signal generator		FOCUS VR [In HVT]	(1) Receive the crosshatch signal. (2) While looking at the screen, adjust the FOCUS VR to the vertical and horizontal lines will be clear and in fine detail. (3) Make sure that the picture is in focus even when the screen gets darkened.

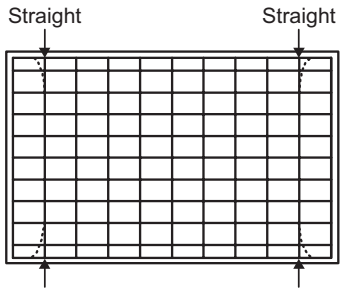
3.6.5 DEFLECTION CIRCUIT

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>V. SIZE &
V. CENTER</td><td>Signal generator

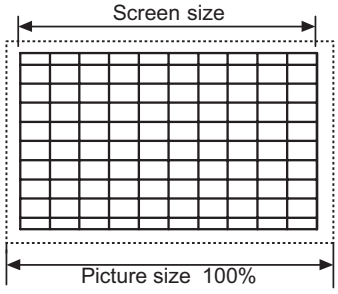
Remote control unit</td><td></td><td>[2.DEF(D)]
D03 : V SIZE

V. CENTER SW(S421)
[MAIN PWB]</td><td rowspan="2">(1) Receive the crosshatch signal.
(2) Select 2.DEF(D).
(3) Select the <D03>(V SIZE).
(4) Adjust the <D03> so that the vertical screen size becomes 92.0%.
(5) Adjust the V. CENTER SW to agree the vertical center with display center.</td></tr>
<tr><td colspan="4">


<table>
<tr><th>Model Name</th><th>D03 V SIZE Initial setting value</th></tr>
<tr><td>AV-32430 /M
AV-32432 /M</td><td>63</td></tr>
<tr><td>AV-32430 /Y
AV-32432 /Y</td><td>70</td></tr>
<tr><td>AV-32430 /R
AV-32432 /R</td><td>70</td></tr>
</table>
</td></tr>
<tr><td>H. SIZE /
H. CENTER /
SIDEPIN</td><td>Signal generator

Remote control unit</td><td></td><td>[2.DEF(D)]
D02 : H POSI
D06 : H SIZE
D16 : EW PARA
D09 : EWCR TOP
D10 : EWCR BTM</td><td rowspan="2">(1) Receive the crosshatch signal.
(2) Select 2.DEF(D).
(3) Select <D02>(H POSI).
(4) Adjust <D02> so that left width and right width of the crosshatch screen becomes equal.
(5) Adjust <D06>(H SIZE) so that screen horizontal width becomes 92.0%.
(6) Adjust <D16>(EW PARA) so that vertical line becomes straight at both top and bottom edge.
(7) When vertical lines of four corner does not turn into straight, adjust with <D09>(EWCR TOP) and <D10>(EWCR BTM) to correctly.</td></tr>
<tr><td colspan="4">


SIDE PINCUSHION ADJUSTMENT



HORIZONTAL SIZE ADJUSTMENT
</td></tr>
</table>

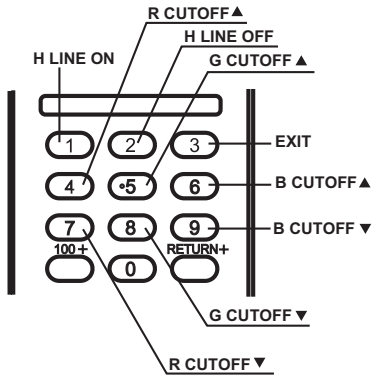
3.6.6 VIDEO CIRCUIT

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>WHITE BALANCE (LOW LIGHT)</td><td>Signal generator

Remote control unit</td><td></td><td>[7.LOW LIGHT]

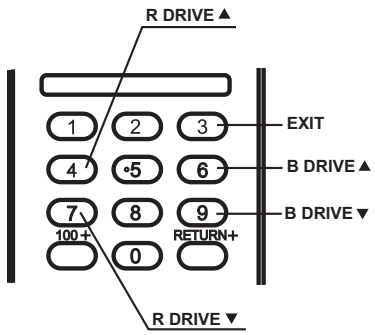
[1.V/C(S)]
S11 : R CUTOFF
S12 : G CUTOFF
S13 : B CUTOFF
S01 : BRIGHT

SCREEN VR
[in HVT]</td><td rowspan="2">(1) Receive the black-and-white signal (color off).
(2) Select 7.LOW LIGHT.
(3) Set the initial setting value of <S11>(R CUTOFF), <S12>(G CUTOFF), <S13>(B CUTOFF) and <S01>(BRIGHT).
(4) Display a single horizontal line by pressing the [1] key.
(5) Turn the SCREEN VR all the way to the left.
(6) Turn the SCREEN VR gradually to the right from the left until either one of the red, blue or green color appears faintly.
(7) Adjust the two colors which did not appear until the single horizontal line that is displayed becomes white using the [4] to [9] keys.
(8) Turn the SCREEN VR until the single horizontal line is displayed faintly.
(9) Press the [2] key to cancel the single horizontal line mode.
(10) Adjust the <S01> level to become the black component shines white slightly by [VOLUME (-/+)] key.
(11) Confirm that whether the color ingredient of R,G,or B is visible to the black component, which shines white slightly.
(12) When the color ingredient can be seen, two colors other than a visible color is adjusted, and it is made to look white.
(13) Return the value of <S01> to initial setting value.

If [3] key is pressed, it can escape from WHITE BALANCE adjustment mode.</td></tr>
<tr><td colspan="4"> 

<table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>S11</td><td>R CUT OFF</td><td>0~255</td><td>30</td></tr>
<tr><td>S12</td><td>G CUT OFF</td><td>0~255</td><td>30</td></tr>
<tr><td>S13</td><td>B CUT OFF</td><td>0~255</td><td>30</td></tr>
<tr><td>S01</td><td>BRIGHT</td><td>0~127</td><td>64</td></tr>
</table></td></tr>
<tr><td>WHITE BALANCE (HIGH LIGHT)</td><td>Signal generator

Remote control unit</td><td></td><td>[8.HIGH LIGHT]
S14 : R DRIVE
S15 : B DRIVE</td><td rowspan="2">(1) Receive the black-and-white signal (color off).
(2) Select the 8.HIGH LIGHT.
(3) Set the initial setting value of <S14>(R DRIVE) and <S15>(B DRIVE) with the [4], [6], [7] and [9] keys of the remote control unit.
(4) Adjust the screen until it becomes white using the [4], [6], [7] and [9] keys of the remote control unit.

If [3] key is pressed, it can escape from WHITE BALANCE adjustment mode.</td></tr>
<tr><td colspan="4"> 

<table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>S14</td><td>R DRIVE</td><td>0~127</td><td>64</td></tr>
<tr><td>S15</td><td>G DRIVE</td><td>0~127</td><td>64</td></tr>
</table></td></tr>
</table>

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>SUB BRIGHT</td><td>Remote control unit</td><td></td><td>[1.V/C(S)]
S01 : BRIGHT</td><td rowspan="2">(1) Receive the broadcast.
(2) Select 1.V/C(S).
(3) Select <S01>(BRIGHT).
(4) Set the initial setting value of the <S01> with the [VOLUME (-/+)] key.
(5) If the brightness is not the best with the initial setting value, make fine adjustment of the <S01> until you get the optimum brightness.</td></tr>
<tr><td colspan="4">
<table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>S01</td><td>BRIGHT</td><td>0~127</td><td>64</td></tr>
</table>
</td></tr>
<tr><td>SUB CONTRAST</td><td>Remote control unit</td><td></td><td>[1.V/C(S)]
S02 : PICTURE</td><td rowspan="2">(1) Receive the broadcast.
(2) Select 1.V/C(S).
(3) Select <S02>(PICTURE).
(4) Set the initial setting value of the <S02> with the [VOLUME (-/+)] key.
(5) If the contrast is not the best with the initial setting value, make fine adjustment of the <S02> until you get the optimum contrast.</td></tr>
<tr><td colspan="4">
<table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>S02</td><td>PICTURE</td><td>0~127</td><td>65</td></tr>
</table>
</td></tr>
<tr><td>SUB COLOR</td><td>Signal generator

Remote control unit</td><td></td><td>[1.V/C(S)]
S03 : COLOR</td><td rowspan="2">(1) Receive the broadcast.
(2) Select 1.V/C(S).
(3) Select <S03>(COLOR).
(4) Set the initial setting value of the <S03> with the [VOLUME (-/+)] key.
If the color is not the best with the Initial setting value, make fine adjustment of the <S03> until you get the optimum color.</td></tr>
<tr><td colspan="4">
<table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>S03</td><td>COLOR</td><td>0~127</td><td>50</td></tr>
</table>
</td></tr>
<tr><td>SUB TINT</td><td>Signal generator

Remote control unit</td><td></td><td>[1.V/C(S)]
S04 : TINT</td><td rowspan="2">(1) Receive the broadcast.
(2) Select 1.V/C(S).
(3) Select <S04>(TINT).
(4) Set the initial setting value of the <S04> with the [VOLUME (-/+)] key.
If the tint is not the best with the Initial setting value, make fine adjustment of the <S04> until you get the optimum tint.</td></tr>
<tr><td colspan="4">
<table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>S04</td><td>TINT</td><td>0~127</td><td>60</td></tr>
</table>
</td></tr>
</table>

3.6.7 MTS CIRCUIT

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>MTS INPUT LEVEL check</td><td>Remote control unit</td><td></td><td>[3.SOUND(A)]
A01 : IN LEVEL</td><td rowspan="4">(1) Select the <A01>(IN LEVEL).
(2) Verify that the <A01> is set at its initial setting value.</td></tr>
<tr><td colspan="4"><table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>A01</td><td>IN LEVEL</td><td>0~63</td><td>036</td></tr>
</table></td></tr>
<tr><td>MTS STEREO VCO</td><td>Frequency counter

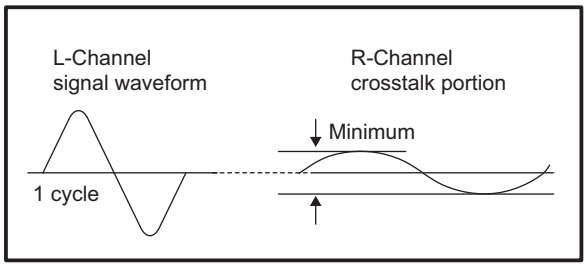
Signal generator

Remote control unit</td><td>R OUT
[AUDIO OUT]</td><td>[3. SOUND(A)]
A02 : FH MON
A03 : ST VCO</td><td rowspan="4">(1) Receive the RF signal (no modulated sound signal) from the antenna terminal.
(2) Select 3.SOUND(A).
(3) Select the <A02>(FH MON) and change the setting value from 0 to 1.
(4) Connect the frequency counter to R OUT of the AUDIO OUT.
(5) Select the <A03>(ST VCO).
(6) Set the initial setting value of the <A03>.
(7) Adjust the <A03> so that the frequency counter will display 15.73kHz±0.1kHz.
(8) Select the <A02> of the SOUND mode, and reset the setting value from 1 to 0.</td></tr>
<tr><td colspan="4"><table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>A02</td><td>FH MON</td><td>0～63</td><td>0</td></tr>
<tr><td>A03</td><td>ST VCO</td><td>0～63</td><td>043</td></tr>
</table></td></tr>
<tr><td>MTS SAP VCO</td><td>Frequency counter

Signal generator

Remote control unit</td><td>R OUT
[AUDIO OUT]</td><td>[3. SOUND(A)]
A08 : 5FH MON
A09 : SAP VCO</td><td rowspan="4">(1) Receive the RF signal (non modulated sound signal) from the antenna terminal.
(2) Select 3.SOUND(A).
(3) Select the <A08> (SFH MON) and reset the setting value from 0 to 1.
(4) Connect the frequency counter to R out of the AUDIO OUT.
(5) Select the <A09> (SAP VCO).
(6) Set the initial setting value of <A09>.
(7) Adjust the <A09> so that the frequency counter will display 78.67kHz±0.5kHz.
(8) Select the <A08>, and reset the setting value from 1 to 0.</td></tr>
<tr><td colspan="4"><table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>A08</td><td>5FH MON</td><td>0～1</td><td>0</td></tr>
<tr><td>A09</td><td>SAP VCO</td><td>0～63</td><td>044</td></tr>
</table></td></tr>
<tr><td>MTS FILTER</td><td>Remote control unit</td><td></td><td>[3. SOUND(A)]
A04 : PILOT CAN
A05 : FILTER</td><td rowspan="4">(1) Select 3.SOUND(A).
(2) Select the <A05> (FILTER).
(3) Select the <A04> (PILOT CAN) and reset the setting value from 0 to 1.
(4) Verify that the <A05> is set at its initial setting value.</td></tr>
<tr><td colspan="4"><table>
<tr><th>No.</th><th>Setting item</th><th>Variable range</th><th>Initial setting value</th></tr>
<tr><td>A04</td><td>PIL CAN</td><td>0～1</td><td>0</td></tr>
<tr><td>A05</td><td>FILTER</td><td>0～63</td><td>035</td></tr>
</table></td></tr>
</table>

Item	Measuring instrument	Test point	Adjustment part	Description
MTS SEPARATION	TV audio multiplex signal generator Oscilloscope Remote control unit	R OUT L OUT [AUDIO OUT]	[3.SOUND(A)] A06 : LOW SEP A07 : HI SEP	(1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to R OUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Select 3.SOUND(A). (4) Select the <A06> (LOW SEP). (5) Set the initial setting value of the <A06> with the [VOLUME (-/+)] key. (6) Adjust the <A06> so that the stroke element of the 300Hz signal will become minimum. (7) Change the connection of the oscilloscope to L OUT pin of the AUDIO OUT, and enlarge the voltage axis. (8) Change the signal to 3kHz, and similarly adjust the <A07> (HI SEP).



No.	Setting item	Variable range	Initial setting value
A06	LOW SEP	0~63	008
A07	HI SEP	0~63	026

3.6.8 HOW TO CHECK THE HIGH VOLTAGE HOLD DOWN CIRCUIT

3.6.8.1 HIGH VOLTAGE HOLD DOWN CIRCUIT

After repairing the high voltage hold down circuit.
This circuit shall be checked to operate correctly.

3.6.8.2 CHECKING OF THE HIGH VOLTAGE HOLD DOWN CIRCUIT

(1) Turn the power switch to on.
(2) Refer to the following figure, set the resistor between **X** connector **1** and **3** .
(3) Make sure that the screen picture disappears.
(4) Temporarily unplug the power plug.
(5) Remove the resistor replaced **X** connector **1** and **3** .
(6) Again plug the power plug, make sure that the normal picture is displayed on the screen.

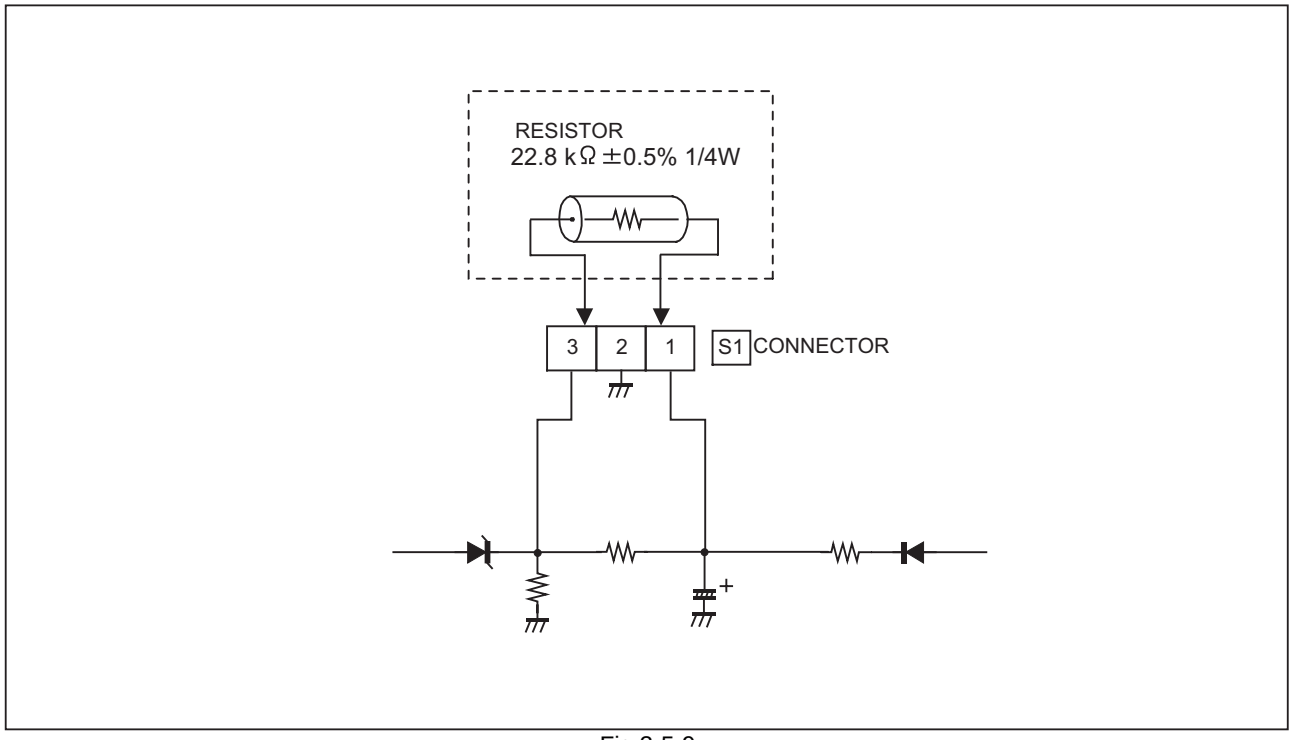


Fig.3-5-9

AV-32430
AV-32432

JVC SERVICE & ENGINEERING COMPANY OF AMERICA

DIVISION OF JVC AMERICAS CORP.

www.jvcservice.com(US Only)

JVC CANADA INC.

Head office : 21 Finchdene Square Scarborough, Ontario M1X 1A7 (416)293-1311

(No.52104)

Printed in Japan
200304WPC

AV-32430/MA, AV-32430/RA, AV-32430/YA
AV-32432/MA, AV-32432/RA, AV-32432/YA
STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal	
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped	
(3)Internal resistance of tester	:DC 20kΩ/V	
(4)Oscilloscope sweeping time	:H	⇒ 20μs/div
	:V	⇒ 5ms/div
	:Others	⇒ Sweeping time is specified
(5)Voltage values	:All DC voltage values	

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board :R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	:[Ω]
K	:[k Ω]
M	:[M Ω]

● Rated allowable power

No indication	:1/ 16 [W]
Others	:As specified

● Type

No indication	:Carbon resistor
OMR	:Oxide metal film resistor
MFR	:Metal film resistor
MPR	:Metal plate resistor
UNFR	:Uninflammable resistor
FR	:Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	:[pF]
less than 1	:[μF]

● Withstand voltage

No indication	:DC50[V]
Others	:DC withstand voltage [V]
AC indicated	:AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]:Capacitance value [μF]/withstand voltage[V]

● Type

No indication	:Ceramic capacitor
MM	:Metalized mylar capacitor
PP	:Polypropylene capacitor
MPP	:Metalized polypropylene capacitor
MF	:Metalized film capacitor
TF	:Thin film capacitor
BP	:Bipolar electrolytic capacitor
TAN	:Tantalum capacitor

(3)Coils

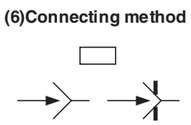
No unit	:[μH]
Others	:As specified

(4)Power Supply

∗ Respective voltage values are indicated

(5)Test point

(6)Connecting method



(7)Ground symbol

⊥ :LIVE side ground
⏚ :ISOLATED(NEUTRAL) side ground
⏚ :EARTH ground
▽ :DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND.Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected , a fuse or any parts will be broken.

◇ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

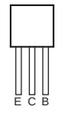
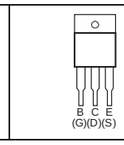
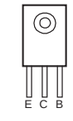
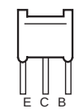
◇ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

CONTENTS

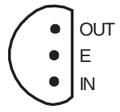
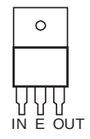
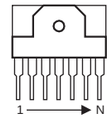
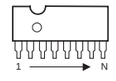
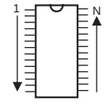
SEMICONDUCTOR SHAPES 2-2
BLOCK DIAGRAM 2-3
CIRCUIT DIAGRAMS 2-5
MAIN PWB CIRCUIT DIAGRAM 2-5
AV SELECTOR PWB CIRCUIT DIAGRAM 2-9
CRT SOCKET PWB CIRCUIT DIAGRAM 2-11
FRONT CONTROL PWB CIRCUIT DIAGRAM 2-13
FRONT TERMINAL PWB CIRCUIT DIAGRAM 2-15
PATTERN DIAGRAMS 2-17
MAIN PWB PATTERN 2-17
CRT SOCKET PWB PATTERN 2-19
FRONT CONTROL PWB PATTERN 2-19
FRONT TERMINAL PWB PATTERN 2-20
AV SELECTOR PWB PATTERN 2-20
CHANNEL CHART (US) 2-21
CHANNEL CHART (CA) 2-22

SEMICONDUCTOR SHAPES

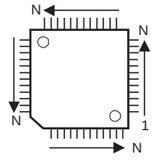
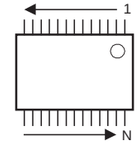
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

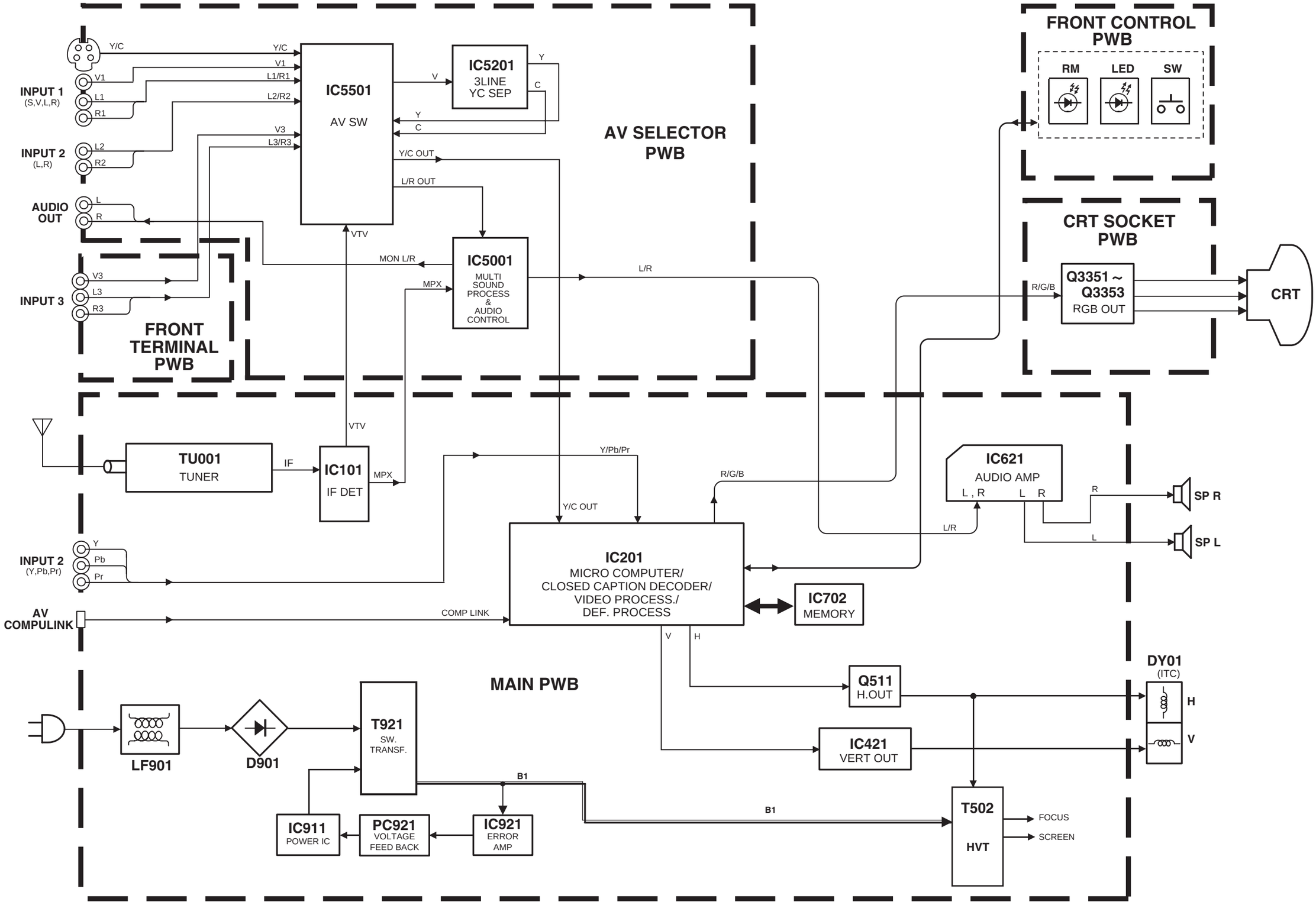
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

TOP VIEW		
		

BLOCK DIAGRAM



CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/2) SHEET 1

PIN NO.	VOLTAGE (V)
IC101	
1	2.5
2	4.8
3	1.4
4	1.4
5	0
6	0
7	0
8	3.2
9	2.3
10	5.5
11	2.1
12	3.3
13	2.1
14	9
15	3.9
16	3.9
17	4.8
18	2
19	3.4
20	1.5
IC201	
1	2.8
2	2.1
3	4.7
4	0
5	5
6	2.2
7	
8	0
9	5
10	0
11	0
12	0
13	4.7
14	1.9
15	9
16	6.6
17	3.4
18	4.1
19	3.2
20	0
21	0
22	2.1
23	2.2
24	2
25	5.1
26	2.1
27	2
28	2.3
29	0
30	2.1
31	5.9
32	0.1
33	2.5
34	3.8
35	1.6
36	2.5
37	2.8
38	4.7
39	1.8
40	1.9
41	1.9
42	9
43	0
44	0
45	0
46	5
47	0
48	0
49	4.6
50	4.6
51	4.7
52	2.5
53	4.8
54	0
55	4.9
56	0.4
IC501	
1	2.3
2	2.3
3	0.8
4	4.9
5	9
6	2.2
7	4.8
8	0
9	11.5
10	0
11	3.3
12	0.5
13	8.7
14	3.7
15	12
16	4.7
17	4.7
18	4
19	0.6
20	2.8
21	8
22	2.4
23	1.1
24	7.1
25	11.7
26	2.5
27	0

PIN NO.	VOLTAGE (V)
28	0
IC601	
1	6.1
2	6.1
3	6.1
4	0
5	0
6	6.1
7	6.1
8	6.1
9	0
10	0
11	0
12	9
13	4.8
14	0
15	4.8
16	2.9
IC621	
1	1.2
2	1.3
3	0
4	
5	
6	11
7	22.2
8	22.3
9	1.8
10	0
11	10.6
12	0
13	10.6
IC702	
1	0
2	0
3	0
4	0
5	4.7
6	4.8
7	0
8	5
IC703	
1	5
2	5
3	0
IC704	
1	5
2	11.5
3	0
IC852	
1	13.6
2	9
3	0
IC853	
1	9.4
2	4.8
3	0
TU001	
1	1
2	
3	4.7
4	3.9
5	4.2
6	4.7
7	4.7
8	
9	31.3
10	
11	0
Q101	
E	1.8
C	9
B	1
Q131	
E	1.6
C	0
B	0.9
Q161	
E	5.8
C	2
B	2.6
Q211	
E	3.8
C	9
B	4.5
Q232	
E	0
B	0.5
Q233	
E	3.4
C	9
B	4
Q701	
E	3.6
C	2.4
B	3
Q352	
E	5.4
C	9
B	6
Q623	
E	0
C	13.7
B	0.1

SGE-1061A-M2 : AV-32432/MA SGE-1064A-M2 : AV-32430/MA
SGE-1062A-M2 : AV-32432/YA SGE-1065A-M2 : AV-32430/YA
SGE-1063A-M2 : AV-32432/RA SGE-1066A-M2 : AV-32430/RA

MAIN PWB

AV SELECTOR PWB (SHEET 3)

FRONT CONTROL PWB (SHEET 5)

CRT SOCKET PWB (SHEET 4)

NOT USED

Q131 (E)
1 Vp-p (H)

IC101 (18)
2 Vp-p (H)

IC201 (14)
5 Vp-p (H)

IC201 (18)
1.4 Vp-p (V)

IC201 (28)
1 Vp-p (H)

IC201 (39)
3 Vp-p (H)

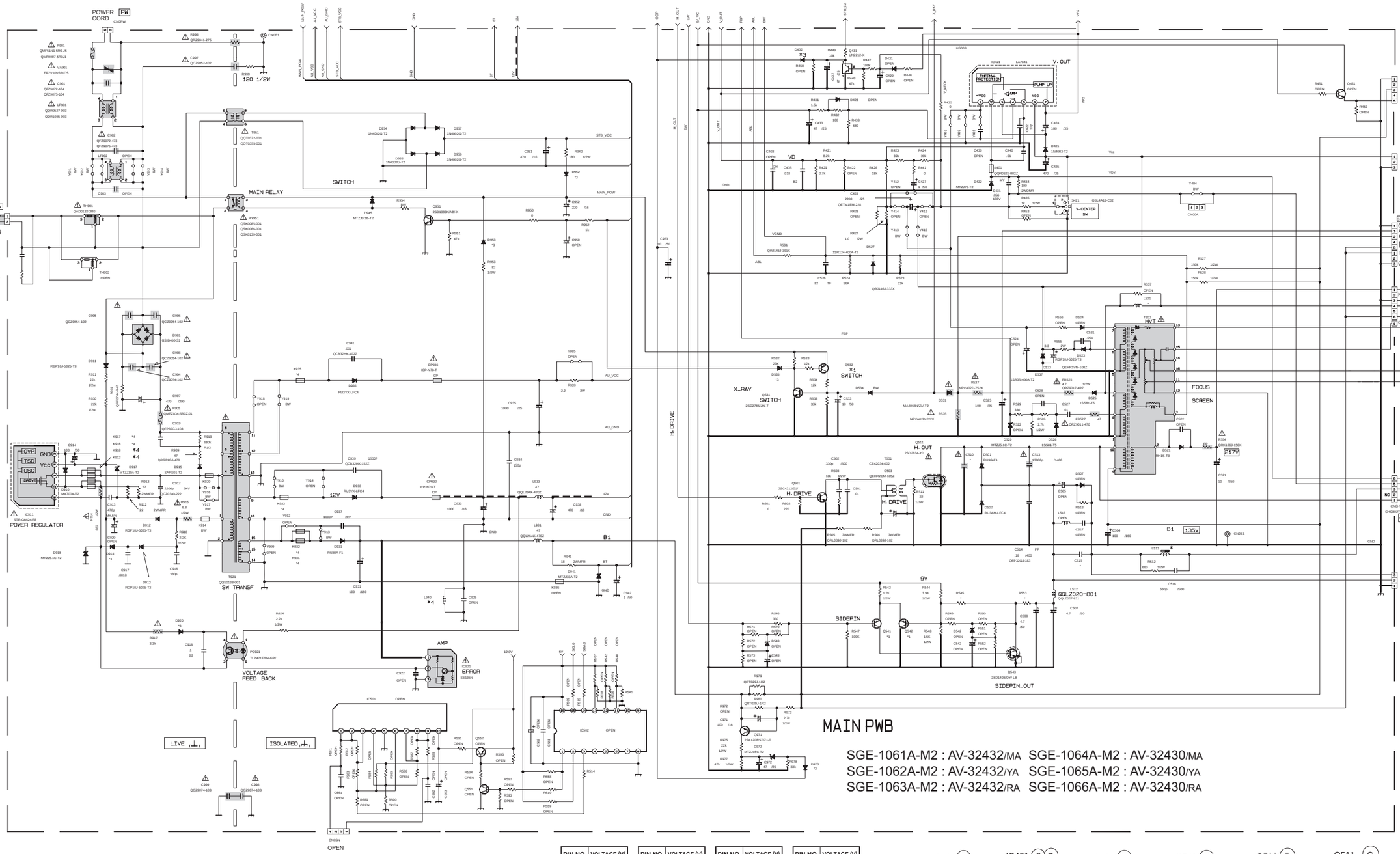
IC201 (40)
3 Vp-p (H)

IC201 (41)
3 Vp-p (H)

PARTS REFERENCE LIST

*1	2SB709A/QR/-X or 2SA1037AK/QR/-T
*2	2SD601A/QR/-X or 2SC2412K/QR/-T
*3	1SS133-T2
*4	QQR0582-001Z
*5	MTZJ5.6B-T2
*6	QQL29BJ-220Z
*7	MTZJ9.1C-T2

MAIN PWB CIRCUIT DIAGRAM (2/2) SHEET 2



*DIFFERENCE PARTS LIST

SYMBOL \ MODEL	SGE-1061A SGE-1064A	SGE-1062A SGE-1065A	SGE-1066A SGE-1063A
C510	QFZ0200-532 or QFZ0196-532	QFZ0200-502 or QFZ0196-502	QFZ0200-532 or QFZ0196-532
C515	QFZ0197-564 or QFZ0199-564	QFZ0199-534 or QFZ0197-534	QFZ0197-564 or QFZ0199-564
R434	QRL029J-221	QRL029J-181	QRL029J-181
L521	QQLZ026-600	QQLZ026-121	QQLZ026-540
R545	QRE121J-153Y	QRE121J-822Y	QRE121J-822Y
R553	QRL039J-100	QRL039J-180	QRL039J-180
L511	QQR1027-003	QQR1027-003	CE41029-00A

PARTS REFERENCE LIST

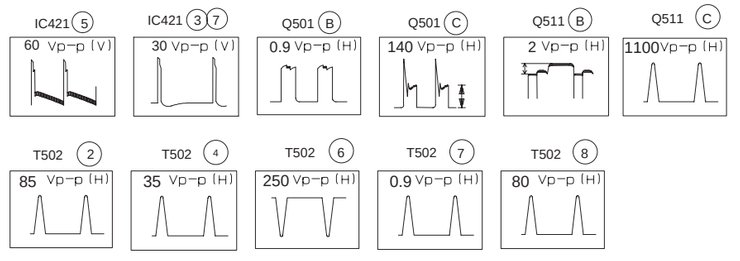
*1	2SB709A/QR/-X or 2SA1037AK/QR/-T
*2	2SD601A/QR/-X or 2SC2412K/QR/-T
*3	1SS133-T2
*4	QQR0582-001Z
*5	MTZJ5.6B-T2
*6	QQL29BJ-220Z
*7	MTZJ9.1C-T2

PIN NO.	VOLTAGE (V)
IC421	
1	0
2	15.2
3	30.3
4	2.6
5	2.6
6	29.3
7	3.3
IC501	
1	2.3
2	2.3
3	0.8
4	4.9
5	9
6	2.2

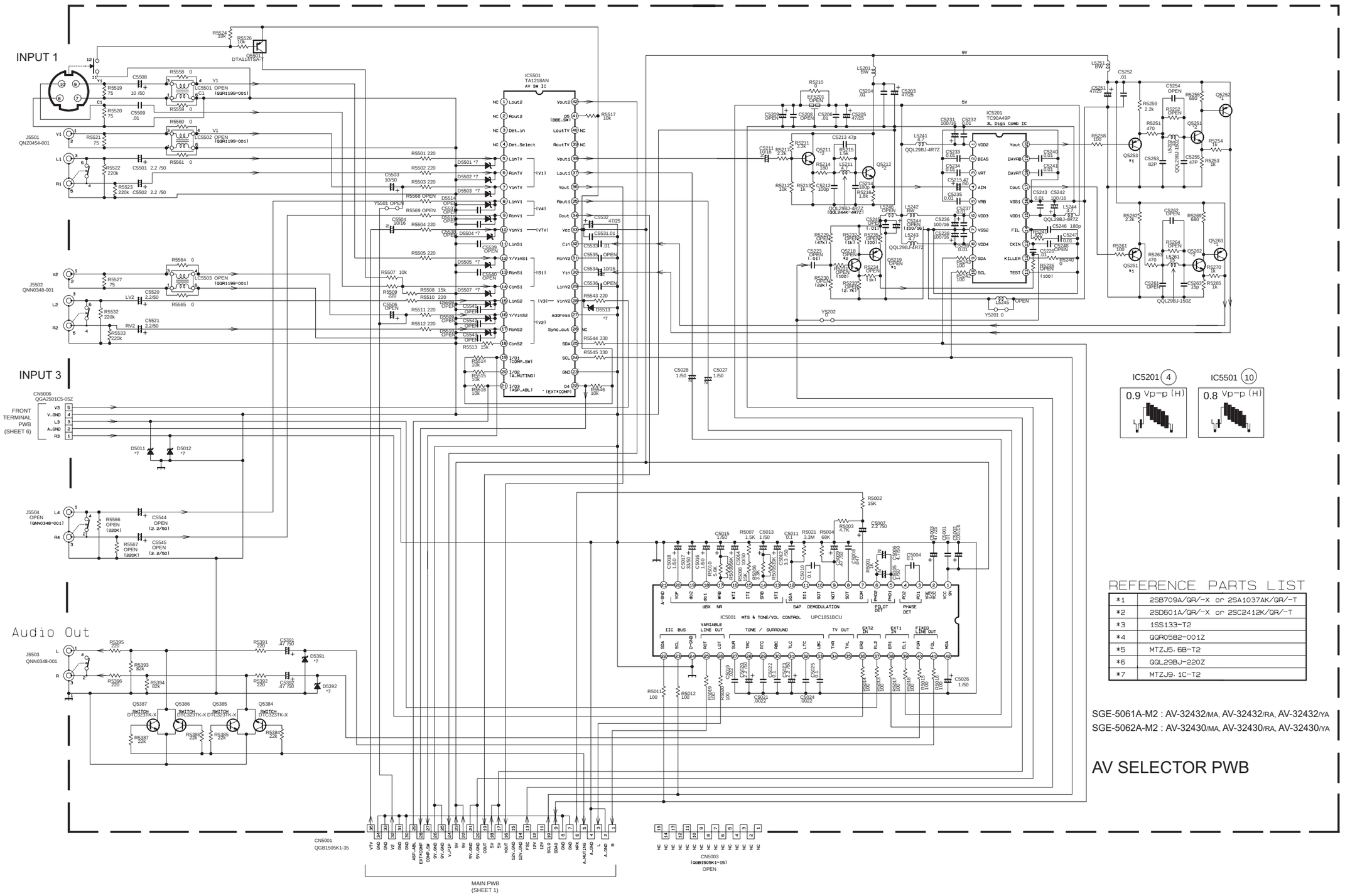
PIN NO.	VOLTAGE (V)
7	4.8
8	0
9	11.5
10	0
11	3.3
12	0.5
13	8.7
14	3.7
15	12
16	4.7
17	4.7
18	4
19	0.6
20	2.8
21	8

PIN NO.	VOLTAGE (V)
22	2.4
23	1.1
24	7.1
25	11.7
26	2.5
27	0
28	0
IC911	
1	152.2
2	0
3	288
4	17.8
5	1.5
IC921	
1	135.2

PIN NO.	VOLTAGE (V)
2	11.5
3	0
PC921	
1	12.5
2	11.5
3	1.5
4	16.1
Q501	
E	0
C	75.1
B	0.3
Q511	
E	0
C	130
B	-0.1



AV SELECTOR PWB CIRCUIT DIAGRAM SHEET 3



PIN NO.	VOLTAGE (V)
IC5001	
1	4.1
2	4.1
3	4.1
4	4.1
5	4.1
6	3.8
7	0
8	4.1
9	3.9
10	4.1
11	4
12	4.5
13	4.1
14	1.2
15	1.2
16	
17	0
18	3
19	9
20	
21	4.1
22	4
23	4.7
24	3.8
25	4.1
26	4
27	4
28	2
29	4
30	4
31	2
32	4
33	4
34	4
35	0
36	4
37	4
38	4.1
39	4
40	4.1
41	4.1
42	0
43	4
44	4.1
45	4.1
46	0
47	4.1
48	4
IC5501	
1	
2	
3	
4	
5	5.2
6	5.2
7	5.2
8	5.2
9	5.2
10	5.1
11	5.2
12	5.1
13	5.2
14	1.7
15	5.2
16	5.2
17	5.2
18	1.7
19	4.2
20	3.3
21	0.1
22	7.5
23	0
24	3.7
25	4.2
26	
27	0
28	5.2
29	5.2
30	5.1
31	5.2
32	5.1
33	9

PIN NO.	VOLTAGE (V)
34	3.7
35	3.9
36	3.7
37	3.9
38	4.4
39	
40	
41	0.1
42	4.4
IC5151	
1	4.5
2	4.5
3	4.5
4	4.5
5	4.5
6	4.5
7	4.5
8	9
9	9
10	0.1
11	0
12	9
13	4.5
14	4.5
15	4.4
16	4.5
17	4.5
18	4.5
19	4.5
20	4.5
IC5201	
1	4.8
2	1.3
3	3
4	2.3
5	1.4
6	4.8
7	0
8	4.8
9	4.2
10	3.6
11	0
12	0
13	2.4
14	1.6
15	4.8
16	0
17	2.3
18	3
19	1.7
20	2.3
Q5211	
E	6
C	9
B	6.7
Q5212	
E	5.4
C	9
B	6
Q5251	
E	2.3
C	8.4
B	2.9
Q5252	
E	9
C	3.7
B	8.4
Q5253	
E	2.9
C	0
B	2.3
Q5261	
E	2.9
C	0
B	2.3
Q5262	
E	2.3
C	8.4
B	2.9
Q5263	
E	9
C	3.7
B	8.4

REFERENCE PARTS LIST

*1	2SB709A/QR/-X or 2SA1037AK/QR/-T
*2	2SD601A/QR/-X or 2SC2412K/QR/-T
*3	1SS133-T2
*4	QQR0582-001Z
*5	MTZJ5.6B-T2
*6	QQL29BJ-220Z
*7	MTZJ9.1C-T2

SGE-5061A-M2 : AV-32432/MA, AV-32432/RA, AV-32432/YA
SGE-5062A-M2 : AV-32430/MA, AV-32430/RA, AV-32430/YA

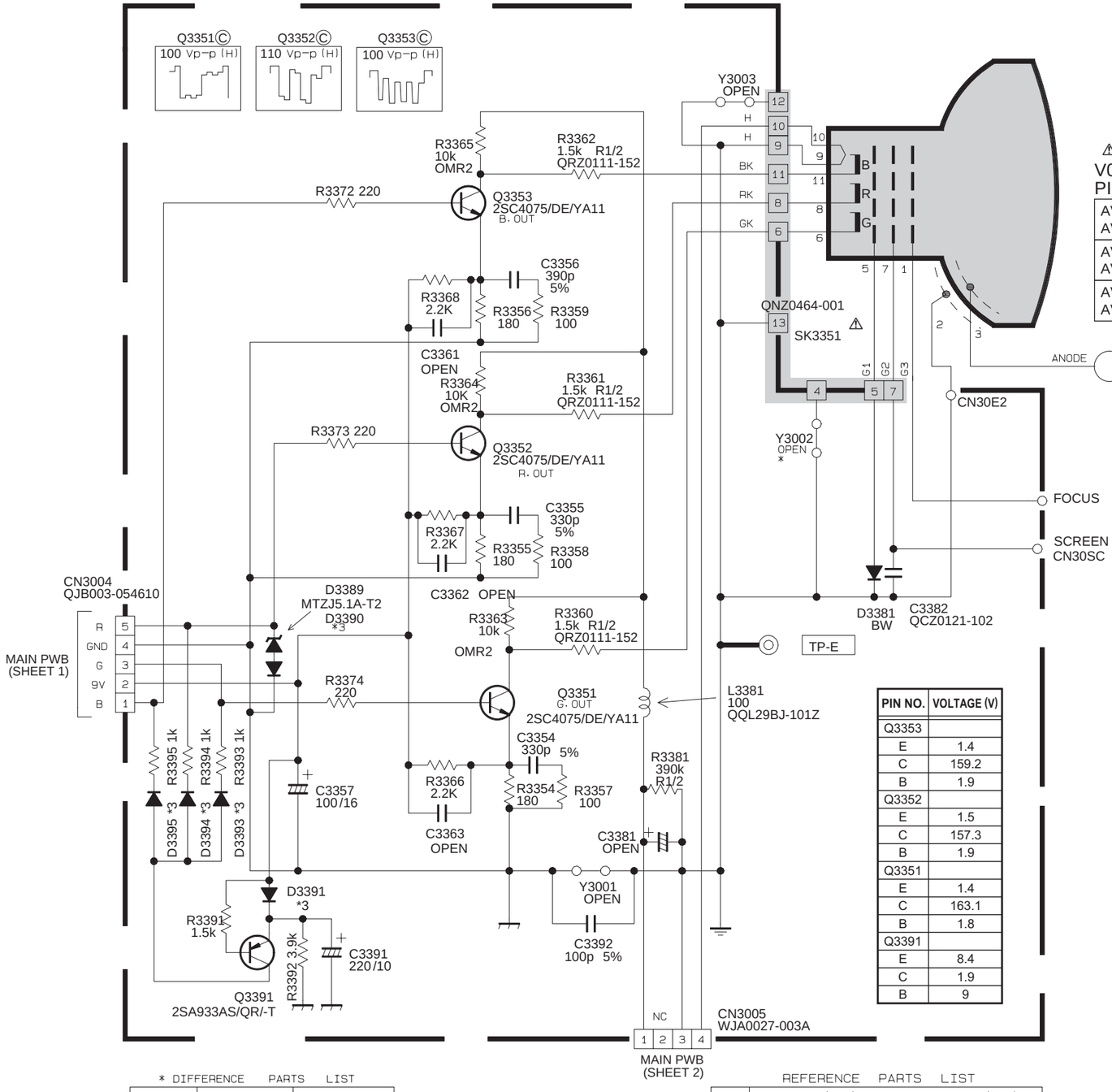
AV SELECTOR PWB

CRT SOCKET PWB CIRCUIT DIAGRAM SHEET 4

CRT SOCKET PWB ASS'Y

SGE-3061A-M2 : AV-32432/MA, AV-32432/RA
AV-32430/MA, AV-32430/RA

SGE-3062A-M2 : AV-32432/YA, AV-32430/YA



⚠ V01
PICTURE TUBE

AV-32430/MA AV-32432/MA	M80JUA061X06
AV-32430/RA AV-32432/RA	A80AEJ15X01
AV-32430/YA AV-32432/YA	A80AKB50X04

PIN NO.	VOLTAGE (V)
Q3353	
E	1.4
C	159.2
B	1.9
Q3352	
E	1.5
C	157.3
B	1.9
Q3351	
E	1.4
C	163.1
B	1.8
Q3391	
E	8.4
C	1.9
B	9

* DIFFERENCE PARTS LIST

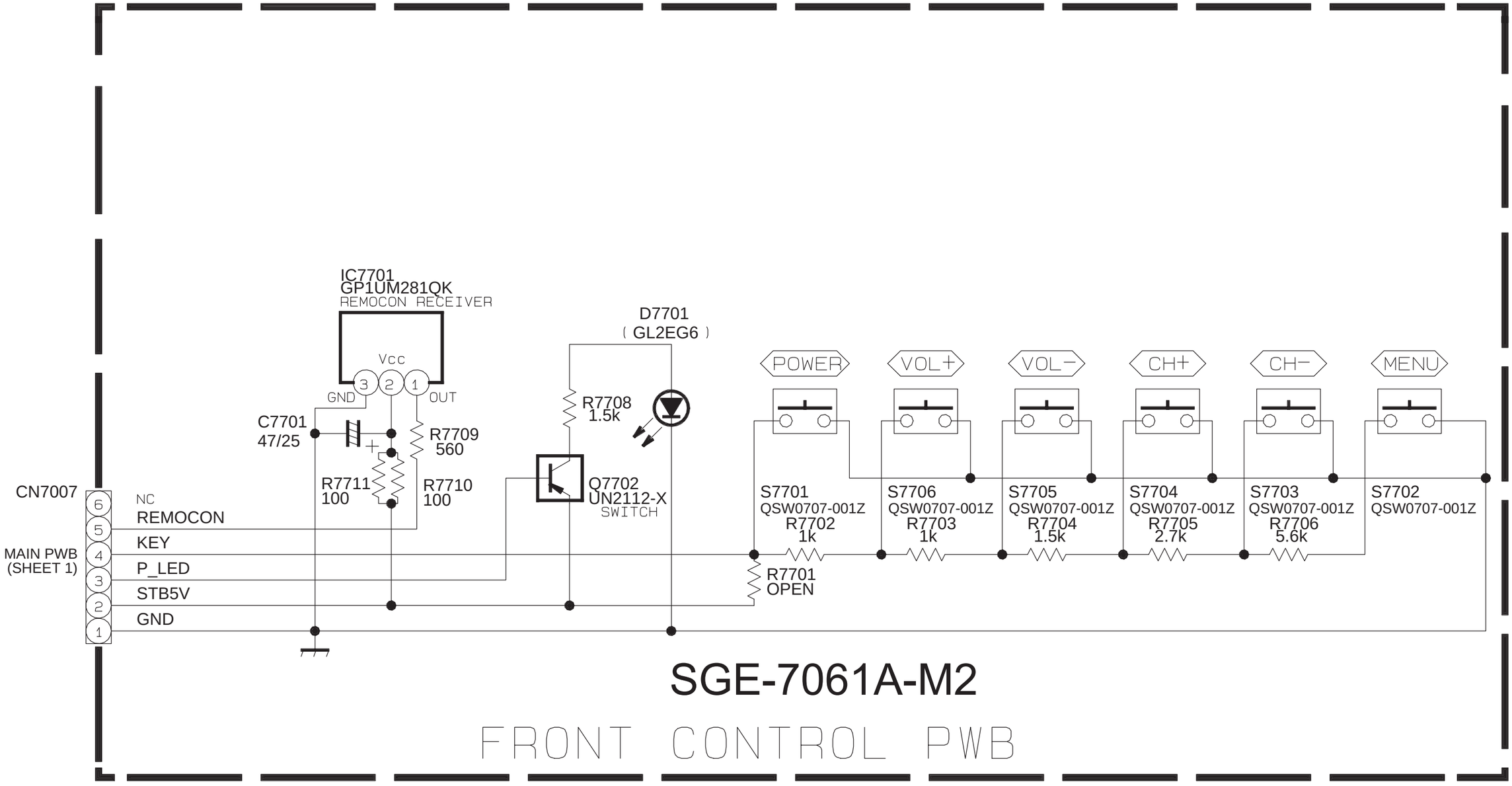
SYMBOL	SGE-3061A	SGE-3062A
Y3002	--------	QUY153-050Y

REFERENCE PARTS LIST

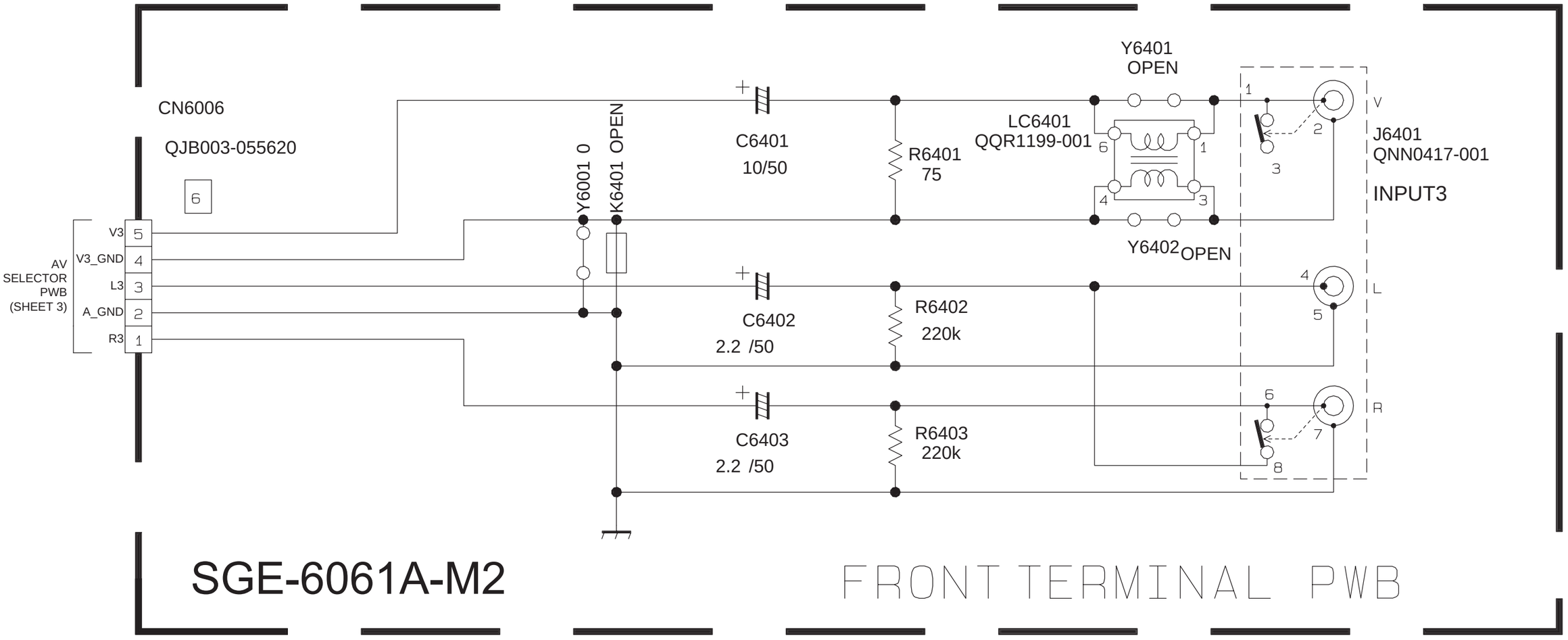
*1	2SB709A/QR/-X or 2SA1037AK/QR/-T
*2	2SD601A/QR/-X or 2SC2412K/QR/-T
*3	1SS133-T2
*4	QQR0582-001Z
*5	MTZJ5.6B-T2
*6	QQL29BJ-220Z
*7	MTZJ9.1C-T2

AV-32430
AV-32432

FRONT CONTROL PWB CIRCUIT DIAGRAM SHEET 5



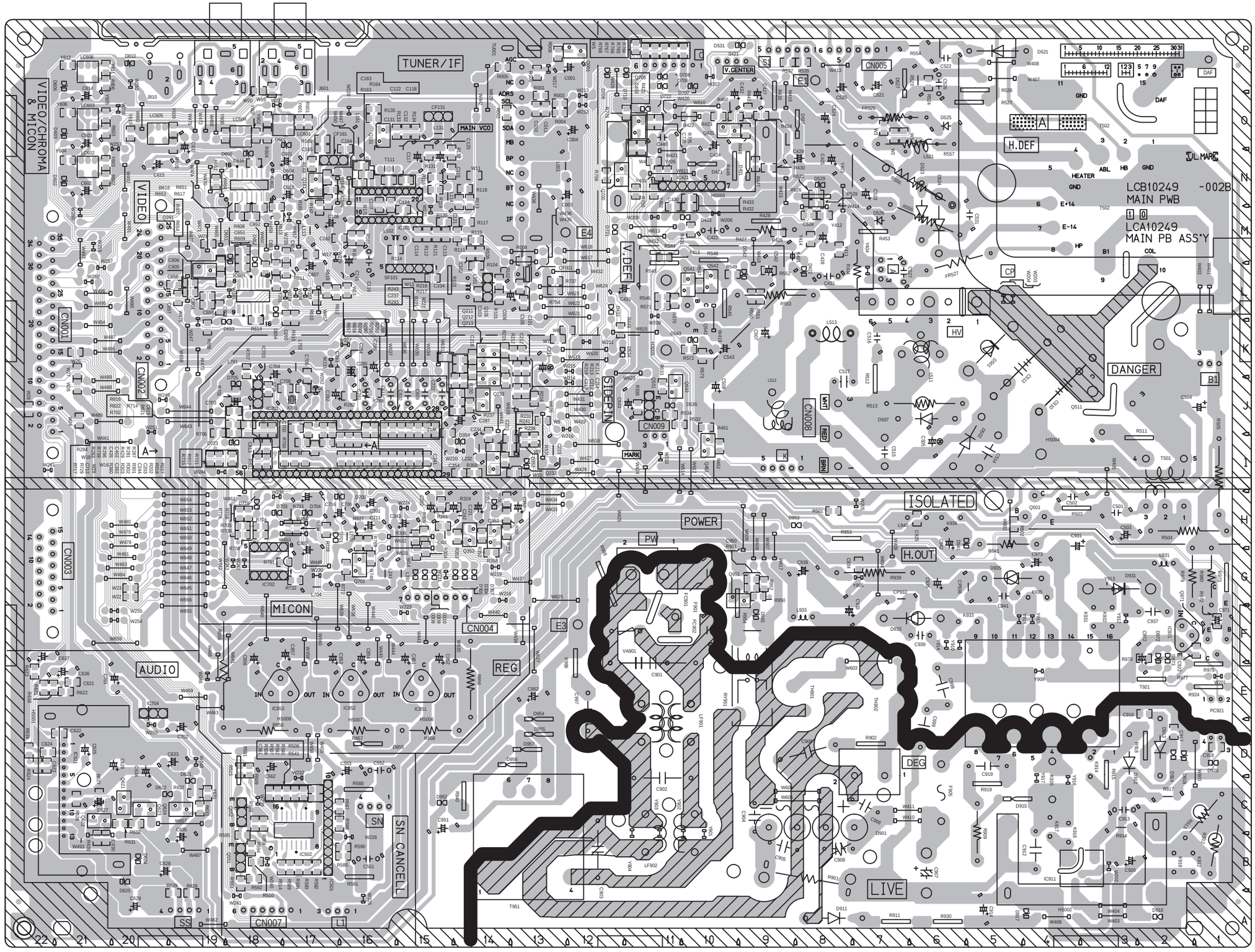
FRONT TERMINAL PWB CIRCUIT DIAGRAM SHEET 6



SGE-6061A-M2

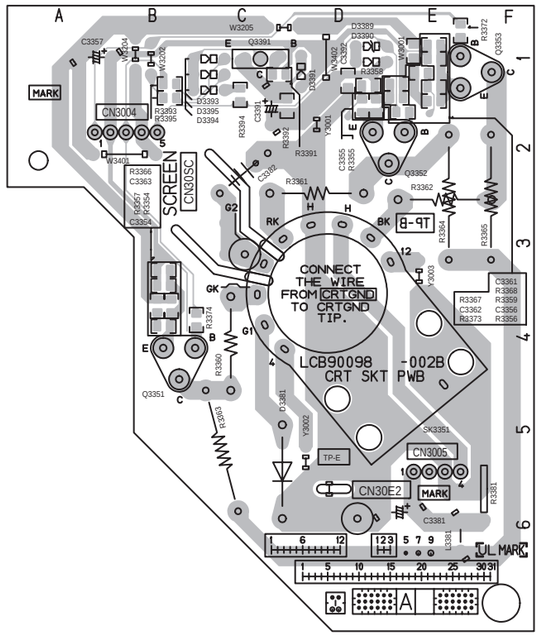
FRONT TERMINAL PWB

PATTERN DIAGRAMS *MAIN PWB PATTERN*

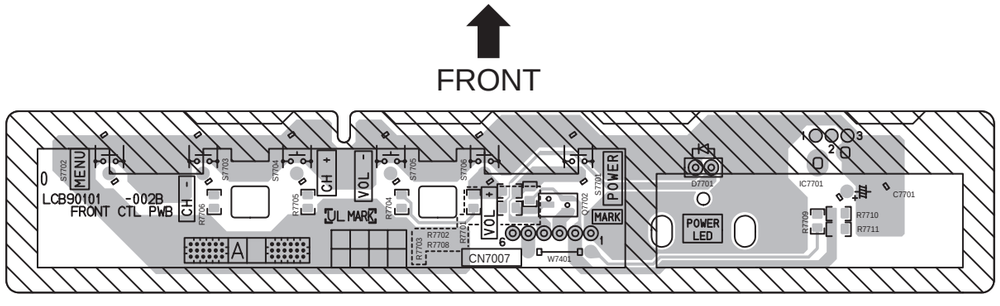


AV-32430
AV-32432

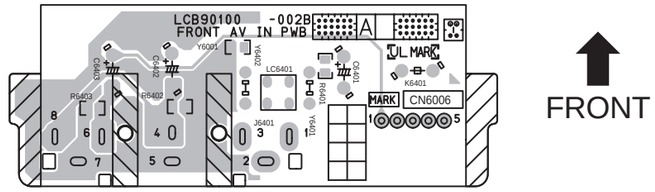
CRT SOCKET PWB PATTERN



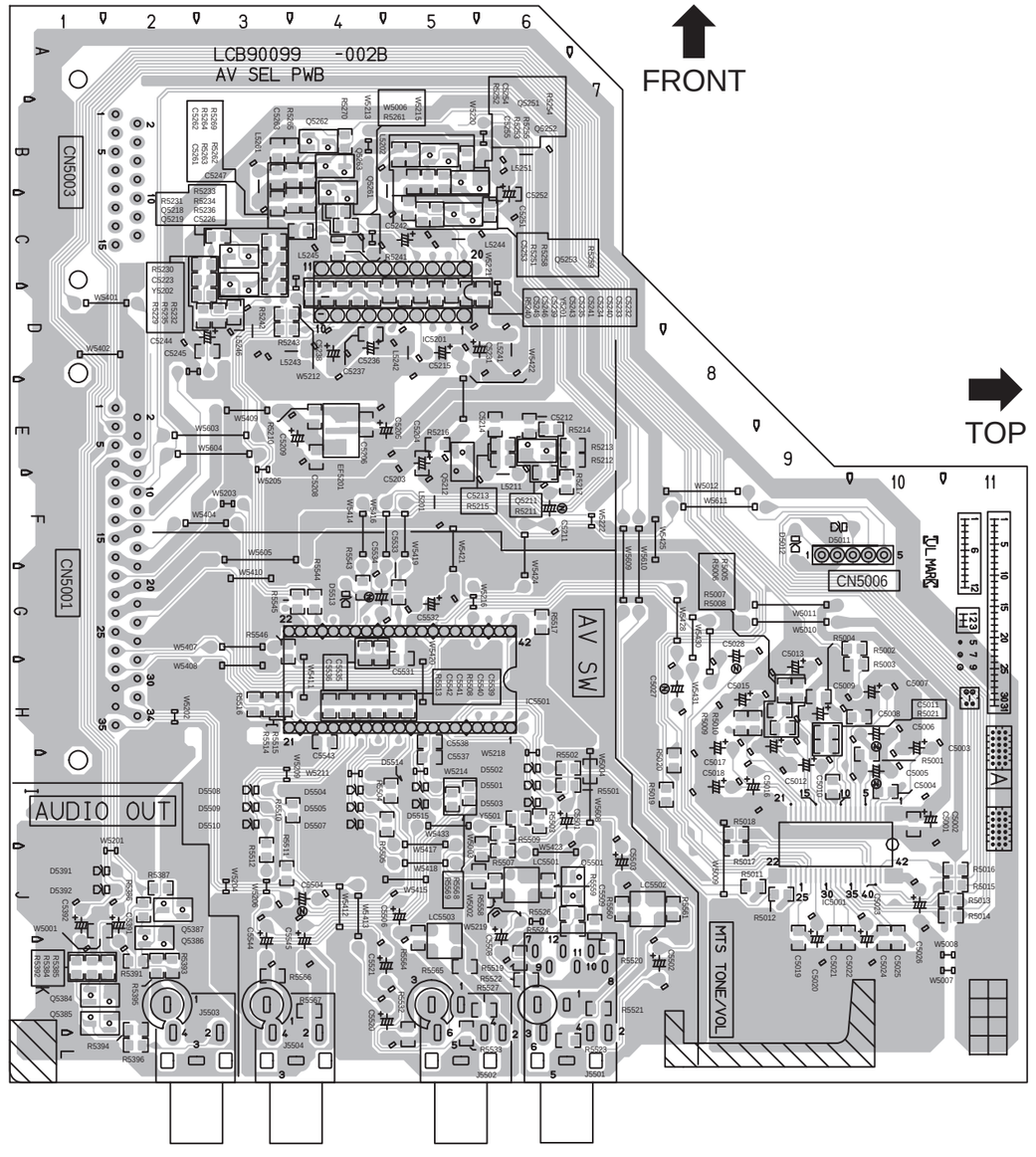
FRONT CONTROL PWB PATTERN



FRONT TERMINAL PWB PATTERN



AV SELECTOR PWB PATTERN



CHANNEL CHART (US)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02 03 04 05 06		I
		VH	07 08 09 10 11 12 13		II
×	○	MID	A B	14 15	I
			C D E F G H I	16 17 18 19 20 21 22	II
		SUPER	J K L M N O P Q R S T U V W	23 24 25 26 27 28 29 30 31 32 33 34 35 36	
		HYPER	W+1 W+2 W+3 W+4 W+5 W+6 W+7 W+8 W+9 W+10 W+11	37 38 39 40 41 42 43 44 45 46 47	
			W+12 W+13 W+14 W+15 W+16 W+17 W+18 W+19 W+20 W+21 W+22 W+23 W+24 W+25 W+26 W+27 W+28	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	IV
		ULTRA	W+29 W+30 W+31 W+32 W+33 W+34	65 66 67 68 69 70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35 W+36 W+37 W+38 W+39 W+40 W+41 W+42 W+43 W+44 W+45 W+46 W+47 W+48 W+49 W+50 W+51 W+52 W+53 W+54 W+55 W+56 W+57 W+58 W+59 W+60 W+61 W+62 W+63 W+64 W+65 W+66 W+67 W+68 W+69 W+70 W+71 W+72 W+73 W+74 W+75 W+76 W+77 W+78 W+79 W+80 W+81 W+82 W+83 W+84	71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125	IV
		SUB MID	A-8 A-4 A-3 A-2 A-1	01 96 97 98 99	I
○	×	UHF	14 ≀ 69		IV

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

CHANNEL CHART (CA)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02 03 04 05 06		I
		VH	07 08 09 10 11 12 13		II
×	○	MID	A B C D E F G H I	14 15 16 17 18 19 20 21 22	
		SUPER	J K L M N O P Q R S T U V W	23 24 25 26 27 28 29 30 31 32 33 34 35 36	III
		HYPER	W+1 W+2 W+3 W+4 W+5 W+6 W+7 W+8 W+9 W+10 W+11 W+12 W+13 W+14 W+15 W+16 W+17 W+18 W+19 W+20 W+21 W+22 W+23 W+24 W+25 W+26 W+27 W+28	37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	
		ULTRA	W+29 W+30 W+31 W+32 W+33 W+34	65 66 67 68 69 70	IV

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35 W+36 W+37 W+38 W+39 W+40 W+41 W+42 W+43 W+44 W+45 W+46 W+47 W+48 W+49 W+50 W+51 W+52 W+53 W+54 W+55 W+56 W+57 W+58 W+59 W+60 W+61 W+62 W+63 W+64 W+65 W+66 W+67 W+68 W+69 W+70 W+71 W+72 W+73 W+74 W+75 W+76 W+77 W+78 W+79 W+80 W+81 W+82 W+83 W+84	71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125	IV
		SUB MID	A-8 A-4	01 96	I
			A-3 A-2 A-1	97 98 99	II
○	×	UHF	14 ≀ 69		IV

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS	
CR	Carbon Resistor
FR	Fusible Resistor
PR	Plate Resistor
VR	Variable Resistor
HV R	High Voltage Resistor
MF R	Metal Film Resistor
MG R	Metal Glazed Resistor
MP R	Metal Plate Resistor
OM R	Metal Oxide Film Resistor
CMF R	Coating Metal Film Resistor
UNF R	Non-Flammable Resistor
CH V R	Chip Variable Resistor
CH MG R	Chip Metal Glazed Resistor
COMP. R	Composition Resistor
LPTC R	Linear Positive Temperature Coefficient Resistor

CAPACITORS	
C CAP.	Ceramic Capacitor
E CAP.	Electrolytic Capacitor
M CAP.	Mylar Capacitor
CH CAP.	Chip Capacitor
HV CAP.	High Voltage Capacitor
MF CAP.	Metalized Film Capacitor
MM CAP.	Metalized Mylar Capacitor
MP CAP.	Metalized Polystyrol Capacitor
PP CAP.	Polypropylene Capacitor
PS CAP.	Polystyrol Capacitor
TF CAP.	Thin Film Capacitor
MPP CAP.	Metalized Polypropylene Capacitor
TAN. CAP.	Tantalum Capacitor
CH C CAP.	Chip Ceramic Capacitor
BP E CAP.	Bi-Polar Electrolytic Capacitor
CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

USING P.W. BOARD & REMOTE CONTROL UNIT 3-3
EXPLODED VIEW PARTS LIST 3-3
USING P.W. BOARD & REMOTE CONTROL UNIT 3-3
EXPLODED VIEW PARTS LIST 3-3
EXPLODED VIEW 3-4
PRINTED WIRING BOARD PARTS LIST 3-5

[AV-32430/MA]
MAIN PW BOARD ASS'Y (SGE-1064A-M2) 3-5
CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2) 3-8
AV SELECTER PW BOARD ASS'Y (SGE-5062A-M2) 3-8
FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2) 3-9
FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2) 3-9

[AV-32430/RA]
MAIN PW BOARD ASS'Y (SGE-1066A-M2) 3-11
CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2) 3-14
AV SELECTER PW BOARD ASS'Y (SGE-5062A-M2) 3-14
FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2) 3-14
FRONT CONTROL PW BOARD ASS'Y(SGE-7061A-M2) 3-14

[AV-32430/YA]
MAIN PW BOARD ASS'Y (SGE-1065A-M2) 3-15
CRT SOCKET PW BOARD ASS'Y (SGE-3062A-M2) 3-18
AV SELECTER PW BOARD ASS'Y (SGE-5062A-M2) 3-18
FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2) 3-18
FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2) 3-18

[AV-32432/MA]
MAIN PW BOARD ASS'Y (SGE-1061A-M2) 3-19
CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2) 3-22
AV SELECTER PW BOARD ASS'Y (SGE-5061A-M2) 3-22
FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2) 3-23
FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2) 3-23

[AV-32432/RA]
MAIN PW BOARD ASS'Y (SGE-1063A-M2) 3-24
CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2) 3-27
AV SELECTER PW BOARD ASS'Y (SGE-5061A-M2) 3-27
FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2) 3-27
FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2) 3-27

[AV-32432/YA]
MAIN PW BOARD ASS'Y (SGE-1062A-M2) 3-28
CRT SOCKET PW BOARD ASS'Y (SGE-3062A-M2) 3-31
AV SELECTER PW BOARD ASS'Y (SGE-5061A-M2) 3-31
FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2) 3-31
FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2) 3-31

REMOTE CONTROL UNIT PARTS LIST (RM-C1255G-1H) 3-32
REMOTE CONTROL UNIT PARTS LIST (RM-C203-1C) 3-32
PACKING 3-33
PACKING PARTS LIST 3-33

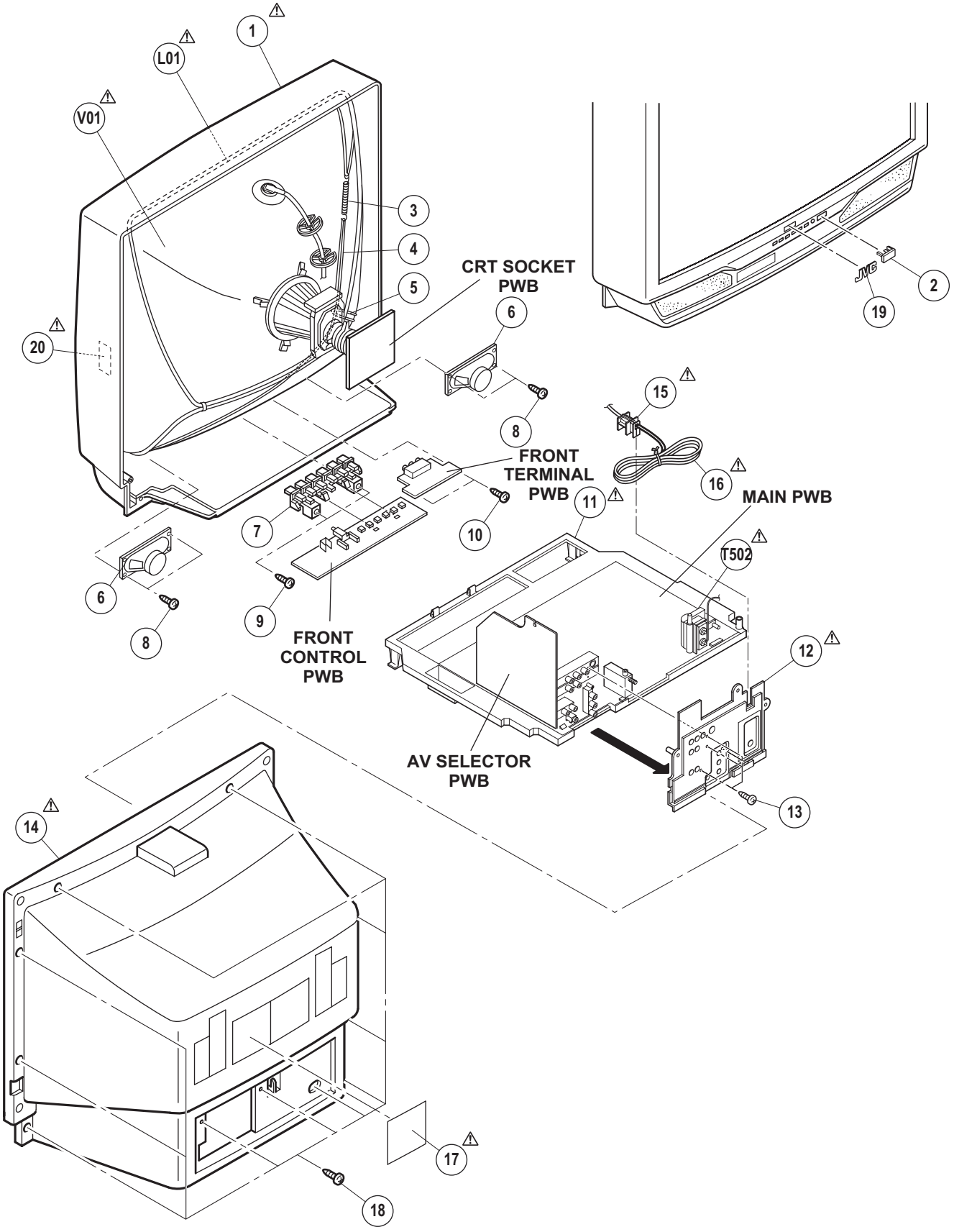
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	AV-32430/MA	AV-32430/RA	AV-32430/YA	AV-32432/MA	AV-32432/RA	AV-32432/YA
MAIN P.W.B	SGE-1064A-M2	SGE-1066A-M2	SGE-1065A-M2	SGE-1061A-M2	SGE-1063A-M2	SGE-1062A-M2
CRT SOCKET P.W.B	SGE-3061A-M2	←	SGE-3062A-M2	SGE-3061A-M2	←	SGE-3062A-M2
AV SELECTER P.W.B	SGE-5062A-M2	←	←	SGE-5061A-M2	←	←
FRONT TERMINAL P.W.B	SGE-6061A-M2	←	←	←	←	←
FRONT CONTROL P.W.B	SGE-7061A-M2	←	←	←	←	←
REMOTE CONTROL UNIT	RM-C203-1C	←	←	RM-C1255G-1H	←	←

EXPLODED VIEW PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	V01	M80JUA061X06	ITC	Inc DEF YOKE. PC MAGNET	AV-32430MA,AV-32432MA
⚠	V01	A80AEJ15X01	ITC	Inc DEF YOKE. PC MAGNET	AV-32430RA,AV-32432RA
⚠	V01	A80AKB50X04	ITC	Inc DEF YOKE. PC MAGNET	AV-32430YA,AV-32432YA
⚠	L01	CELD066-002JA	DEG COIL		
⚠	T502	QQH0121-001	FB TRANSF		
⚠	1	CM12914-010-MA	FRONT CABINET		AV-32430MA,AV-32430RA,AV-32430YA
⚠	1	CM12914-012-MA	FRONT CABINET		AV-32432MA,AV-32432RA,AV-32432YA
	2	CM35983-001-H	REMOCON WINDOW		
	3	A48457-4-S	SPRING		
	4	WJY0016-002A	E-BRAIDED ASSY		
	5	WJY0013-004A	BRAIDED ASSY		
	6	CEBSS12D-04KJ2	SPEAKER	(x2)	AV-32430MA
	6	CEBSS12D-04KJ2	SPEAKER		AV-32430RA,AV-32430YA,AV-32432MA,AV-32432RA,AV-32432YA
	7	LC20674-001A-A	PUSH KNOB		AV-32430MA,AV-32430RA,AV-32430YA
	7	LC20674-004A-A	PUSH KNOB		AV-32432MA,AV-32432RA,AV-32432YA
	8	QYSBSB4012Z	TAP SCREW	4mm x 12mm(x4)	
	9	QYSBSBG4012Z	TAP SCREW	4.0mm x 12mm(x2)	
	10	QYSBSBG3010Z	TAP SCREW	M3 x 10mm(x2)	
⚠	11	LC11056-001A-A	CHASSIS BASE		
⚠	12	LC20899-008A-A	TERMINAL BOARD		AV-32430MA,AV-32430RA,AV-32430YA
⚠	12	LC20899-006A-A	TERMINAL BOARD		AV-32432MA,AV-32432RA,AV-32432YA
	13	QYSBSB3010Z	TAP SCREW	3.0mm x 10mm(x3)	
⚠	14	CM12915-003-MA	REAR COVER		
⚠	15	LC20106-001D-A	POWER CORD CLAM		
⚠	16	QMPD390-200-JS	POWER CORD(US/CA)	2m BLACK	
⚠	17	LC31139-001A-A	RATING LABEL		
	18	QYSBSFG4016Z	TAP SCREW	4mm x 16mm(x11)	
	19	CM48006-006-C	JVC MARK		AV-32430MA,AV-32430RA,AV-32430YA
	19	CM48006-007-C	JVC MARK		AV-32432MA,AV-32432RA,AV-32432YA
⚠	20	GQ30034-001B-A	WARNING LABEL		

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

[AV-32430/MA]

MAIN PW BOARD ASS'Y (SGE-1064A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	M52342SP	IC		
IC201	TM8812CPDNG4N35	IC(MCU)		
IC421	LA7841	IC		
IC621	LA4485	IC		
IC702	AT24C04W-32430	IC	(SERVICE)	
IC703	S-80840CNY-T	IC		
IC704	AN78L05-T	IC		
IC852	AN7809F	IC		
IC853	AN7805F	IC		
⚠IC911	STR-G6624/F8	IC		
⚠IC921	SE135N	IC		
Q001	UN2212-X	DIGI TRANSISTOR		
Q101	2SC5083/L-P/-T	TRANSISTOR		
Q131	2SB709A/QR/-X	TRANSISTOR		
Q161	2SD601A/QR/-X	TRANSISTOR		
Q211	2SD601A/QR/-X	TRANSISTOR		
Q232	2SD601A/QR/-X	TRANSISTOR		
Q233	2SD601A/QR/-X	TRANSISTOR		
Q352	2SD601A/QR/-X	TRANSISTOR		
Q431	UN2212-X	DIGI TRANSISTOR		
Q501	2SC4212/Z1/	TRANSISTOR		
⚠Q511	2SD2645-YD	TRANSISTOR	H OUT	
Q531	2SC2785/JH/-T	SI TRANSISTOR		
Q532	2SB709A/QR/-X	TRANSISTOR		
Q541	2SB709A/QR/-X	TRANSISTOR		
Q542	2SB709A/QR/-X	TRANSISTOR		
Q543	2SD1408/OY/-LB	POW TRANSISTOR		
Q622	2SD601A/QR/-X	TRANSISTOR		
Q623	UN2212-X	DIGI TRANSISTOR		
Q701	2SB709A/QR/-X	TRANSISTOR		
Q951	2SD1383K/AB/-X	TRANSISTOR		
Q971	2SA1208/ST/Z1-T	TRANSISTOR		
D305	1SS133-T2	DIODE		
D306	1SS133-T2	DIODE		
D307	1SS133-T2	DIODE		
D308	1SS133-T2	DIODE		
D309	1SS133-T2	DIODE		
D310	1SS133-T2	DIODE		
D352	MTZJ9.1C-T2	Z DIODE		
D353	1SS133-T2	DIODE		
D354	MTZJ3.3A-T2	Z DIODE		
D421	1N4003-T2	SI DIODE		
D422	MTZJ75-T2	Z DIODE		
D432	1SS133-T2	DIODE		
D501	RH3G-F1	SI DIODE		
D502	RU3AM-LFC4	SI DIODE		
D521	RH1S-T3	SI DIODE		
D523	RGP10J-5025-T3	SI DIODE		
D525	1SS81-T5	SI DIODE		
D526	1SS81-T5	SI DIODE		
D527	1SR124-400A-T2	SI DIODE		
D529	MTZJ5.1C-T2	Z DIODE		
⚠D531	MA4068N/Z1/-T2	Z DIODE		
D535	1SS133-T2	DIODE		
D537	1SR35-400A-T2	SI DIODE		
D601	MTZJ9.1C-T2	Z DIODE		
D602	MTZJ9.1C-T2	Z DIODE		
D603	MTZJ9.1C-T2	Z DIODE		
D700	MTZJ5.6B-T2	Z DIODE		
D701	1SS133-T2	DIODE		
D703	MTZJ5.6B-T2	Z DIODE		
D704	MTZJ5.6B-T2	Z DIODE		
D705	1SS133-T2	DIODE		
D706	MTZJ5.6B-T2	Z DIODE		
D707	MTZJ5.6B-T2	Z DIODE		
D708	MTZJ5.6B-T2	Z DIODE		
D709	MTZJ5.6B-T2	Z DIODE		
D723	MTZJ5.6B-T2	Z DIODE		
⚠D901	GSIB460-S1	BRIDGE DIODE		
D910	MA700A-T2	SB DIODE		
D911	RGP10J-5025-T3	SI DIODE		
D912	RGP10J-5025-T3	SI DIODE		
D913	RGP10J-5025-T3	SI DIODE		
D914	1SS133-T2	DIODE		
D915	SARS01-T2	SI DIODE		
D917	MTZJ30A-T2	Z DIODE		
D918	MTZJ5.1C-T2	Z DIODE		
D920	1SS133-T2	DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D931	RU30A-F1	SI DIODE		
D933	RU3YX-LFC4	SI DIODE		
D935	RU3YX-LFC4	SI DIODE		
D941	MTZJ33A-T2	Z DIODE		
D945	MTZJ9.1B-T2	Z DIODE		
D952	1SS133-T2	DIODE		
D953	1SS133-T2	DIODE		
D954	1N4002G-T2	SI DIODE		
D955	1N4002G-T2	SI DIODE		
D956	1N4002G-T2	SI DIODE		
D957	1N4002G-T2	SI DIODE		
D972	MTZJ15C-T2	Z DIODE		
D973	1SS133-T2	DIODE		
⚠PC921	TLP421F/D4-GR/	PHOTO COUPLER		
C001	QETN1HM-475Z	E CAPACITOR	4.7uF	50V M
C003	QETN1HM-106Z	E CAPACITOR	10uF	50V M
C004	QETN1CM-108Z	E CAPACITOR	1000uF	16V M
C006	QETN1EM-476Z	E CAPACITOR	47uF	25V M
C101	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C102	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C104	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C105	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C106	QETN1EM-476Z	E CAPACITOR	47uF	25V M
C107	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C113	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C114	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C116	QFVF1HJ-224Z	MF CAPACITOR	0.22uF	50V J
C117	QETN1EM-476Z	E CAPACITOR	47uF	25V M
C118	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C119	NDC31HJ-681X	C CAPACITOR	680pF	50V J
C120	QETN1HM-474Z	E CAPACITOR	0.47uF	50V M
C124	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C131	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C161	QETN1HM-106Z	E CAPACITOR	10uF	50V M
C163	NDC31HJ-470X	C CAPACITOR	47pF	50V J
C164	NDC31HJ-470X	C CAPACITOR	47pF	50V J
C165	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C166	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C202	QETN1HM-105Z	E CAPACITOR	1uF	50V M
C203	NCB31HK-152X	C CAPACITOR	1500pF	50V K
C211	QENC1CM-106Z	BP E CAPACITOR	10uF	16V M
C212	NDC31HJ-100X	C CAPACITOR	10pF	50V J
C221	QETN1HM-106Z	E CAPACITOR	10uF	50V M
C222	QFVF1HJ-104Z	MF CAPACITOR	0.1uF	50V J
C223	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C233	NDC31HJ-680X	C CAPACITOR	68pF	50V J
C237	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C241	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C242	QETN1HM-225Z	E CAPACITOR	2.2uF	50V M
C243	QETN1CM-107Z	E CAPACITOR	100uF	16V M
C244	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C281	QFVF1HJ-474Z	MF CAPACITOR	0.47uF	50V J
C282	QETN1CM-107Z	E CAPACITOR	100uF	16V M
C283	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C284	QETN1HM-225Z	E CAPACITOR	2.2uF	50V M
C285	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C286	QETN1HM-106Z	E CAPACITOR	10uF	50V M
C287	QETN1CM-107Z	E CAPACITOR	100uF	16V M
C288	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C352	QETN1CM-336Z	E CAPACITOR	33uF	16V M
C354	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C391	QETN1CM-107Z	E CAPACITOR	100uF	16V M
C392	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C422	QFN32AJ-102Z	M CAPACITOR	1000pF	100V J
C424	QETN1VM-107Z	E CAPACITOR	100uF	35V M
C425	QETN1VM-477Z	E CAPACITOR	470uF	35V M
C427	QETN1HM-105Z	E CAPACITOR	1uF	50V M
C428	QETM1EM-228	E CAPACITOR	2200uF	25V M
C431	QFLC2AK-563Z	M CAPACITOR	0.056uF	100V K
C432	QETN1EM-476Z	E CAPACITOR	47uF	25V M
C433	QETN1EM-476Z	E CAPACITOR	47uF	25V M
C435	NCB21HK-183X	C CAPACITOR	0.018uF	50V K
C440	QCS32HJ-220Z	C CAPACITOR	22pF	500V J
C501	QCB32HK-151Z	C CAPACITOR	150pF	500V K
C502	QCB32HK-331Z	C CAPACITOR	330pF	500V K
C503	QEHR2CM-105Z	E CAPACITOR	1uF	160V M
C504	QEZ0203-107	E CAPACITOR	100uF	160V M
C507	QEM61HK-475Z	E CAPACITOR	4.7uF	50V K
C508	QEM61HK-475Z	E CAPACITOR	4.7uF	50V K
⚠C510	QFZ0200-532	MPP CAPACITOR	5300pF	1.5kV H
⚠C513	QFZ0198-133	MPP CAPACITOR	0.013uF	1.5KV
C514	QFP32GJ-183	PP CAPACITOR	0.018uF	400V J

⚠Ref No.	Part No.	Part Name	Description Local
C515	QFZ0199-564	MPP CAPACITOR	0.56uF 250V
C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C612	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C613	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C614	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M
⚠C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K
⚠C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K
⚠C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C907	QEZ0169-477	E CAPACITOR	470uF 200V M
⚠C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M
⚠C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M
⚠C998	QCZ9074-103	C CAPACITOR	0.01uF 250V
⚠C999	QCZ9074-103	C CAPACITOR	0.01uF 250V
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R434	QRL029J-221	OMF RESISTOR	220Ω 2W J
R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R505	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
⚠R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
⚠R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D
R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J
R545	QRE121J-153Y	C RESISTOR	15kΩ 1/2W J
R546	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R548	QRE121J-152Y	C RESISTOR	1.5kΩ 1/2W J
R553	QRL039J-100	OMF RESISTOR	10Ω 3W J
⚠R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J
R601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R621	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R622	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R623	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R624	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R627	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R631	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R632	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R638	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R639	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R652	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R653	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R705	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R718	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R729	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R733	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R766	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R811	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R855	QRG039J-100	OMF RESISTOR	10Ω 3W J
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J
R858	QRL029J-820	OMF RESISTOR	82Ω 2W J
R901	QRF074K-R47	UNF WW RESISTOR	0.47Ω 7W K
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J
R911	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R912	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
R913	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
⚠R914	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J
⚠R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J
⚠R917	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J
R918	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J
R924	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R930	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R939	QRT039J-2R2	MF RESISTOR	2.2Ω 3W J
R940	QRE121J-181Y	C RESISTOR	180Ω 1/2W J
R941	QRL029J-183	OMF RESISTOR	18kΩ 2W J
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J
R973	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J
R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R979	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J
R980	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J
⚠R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K
R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
L001	QQL244K-560Z	COIL	56uH K
L101	QQLZ014-R22	COIL	0.22uH 100mA L
L113	QQL244K-4R7Z	COIL	4.7uH K
L131	QQL244K-150Z	COIL	15uH K
L161	QQL244K-220Z	COIL	22uH K
L232	QQL244K-560Z	COIL	56uH K
L241	QQL244K-220Z	COIL	22uH K
L391	QQL244K-220Z	COIL	22uH K
L511	QQR1027-003	LINEARITY COIL	
L512	QQLZ036-821	COIL	820uH K
L521	QQLZ026-640	COIL	64uH ±7%
L701	QQL244K-220Z	COIL	22uH K
L702	QQL244K-220Z	COIL	22uH K
L704	QQL244K-220Z	COIL	22uH K
L705	QQL244K-220Z	COIL	22uH K
L931	QQL26AK-470Z	COIL	47uH K
L933	QQL26AK-470Z	COIL	47uH K
L940	QQR0582-001Z	FERRITE BEADS	
T111	QQR0907-001	IFT	
T501	CE42034-002	HOR DRIVE TRANS	
⚠T502	QQH0121-001	FB TRANSF	
⚠T921	QQS0138-001	SW TRANSF	
⚠T951	QQT0372-001	POWER TRANSF	
CF001	QAX0349-001	C TRAP	47.25MHz
CF131	QAX0639-001Z	C TRAP	4.500MHz
CF161	QAX0642-001Z	C FILTER	4.500MHz
CN001	QGB1505J1-35	CONNECTOR	B-B (1-35)
CN004	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
CN005	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
CN007	QGA2501C5-06Z	CONNECTOR	W-B (1-6)
CN00C	QGA2501F1-06	CONNECTOR	W-B (1-6)
CN0B1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)
CN0E1	CE41507-001P	LV CONNECTOR	
CN0HV	QGZ5004C1-06	CONNECTOR	(1-6)
CN0S1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)
CN0SS	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
⚠CP932	ICP-N70-T	IC PROTECTOR	2.5A
⚠CP936	ICP-N70-T	IC PROTECTOR	2.5A
⚠F901	QMF0007-5R0J1	FUSE	5A
⚠F905	QMFZ049-5R0Z-E	FUSE	5A 125V
FC901	CEMG002-001Z	FUSE CLIP	
FC902	CEMG002-001Z	FUSE CLIP	
⚠FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J
⚠FR527	QRZ9011-470	FUSI RESISTOR	47Ω 1/2W J
HS001	CEHE011-001WU	HEAT SINK	
HS002	LC31678-001A	HEAT SINK/AL-F/	
HS003	LC31677-001A	HEAT SINK/AL-F/	
HS004	CEHE015-001WU	HEAT SINK	
HS005	CM42862-00G-H	HEAT SINK ASSY	
HS007	CEHT11B-002QS	HEAT SINK	
J601	QNN0349-002	PIN JACK	COMP IN
K401	QQR0621-002Z	FERRITE BEADS	
K912	QQR0582-001Z	FERRITE BEADS	
K916	QQR0582-001Z	FERRITE BEADS	
K917	QQR0582-001Z	FERRITE BEADS	
K918	QQR0582-001Z	FERRITE BEADS	
K931	QQR0582-001Z	FERRITE BEADS	
K932	QQR0582-001Z	FERRITE BEADS	
K933	QQR0621-002Z	FERRITE BEADS	
K935	QQR0582-001Z	FERRITE BEADS	
LC601	QQR1199-001	EMI FILTER	
LC602	QQR1199-001	EMI FILTER	
LC603	QQR1199-001	EMI FILTER	
⚠LF901	QQR1085-003	LINE FILTER	
⚠RY951	QSK0086-001	RELAY	
S421	QSL4A13-C02	LEVER SWITCH	V CENTER
SF101	QAX0723-001	SAW FILTER	
⚠TH901	QAD0132-3R0	P THERMISTOR	3Ω
⚠TU001	QAU0305-001	TUNER	
⚠VA901	ERZV10V621CS	ZNR	
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W11	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W12	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
X701	QAX0717-001Z	CRYSTAL	8.000MHz	
Y402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y701	QRE141J-0R0Y	C RESISTOR	0Ω 1/4W J	

CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
Q3351	2SC4544-LB	POW TRANSISTOR		
Q3352	2SC4544-LB	POW TRANSISTOR		
Q3353	2SC4544-LB	POW TRANSISTOR		
Q3391	2SA933AS/QR/-T	TRANSISTOR		
D3389	MTZJ5.1A-T2	Z DIODE		
D3390	1SS133-T2	DIODE		
D3391	1SS133-T2	DIODE		
D3393	1SS133-T2	DIODE		
D3394	1SS133-T2	DIODE		
D3395	1SS133-T2	DIODE		
C3354	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C3355	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C3356	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C3357	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C3382	QCZ0121-102	C CAPACITOR	1000pF 3KV	
C3391	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C3392	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
R3354	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R3355	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R3356	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R3357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3360	QRZ0111-152	C RESISTOR	1.5kΩ 1/2W K	
R3361	QRZ0111-152	C RESISTOR	1.5kΩ 1/2W K	
R3362	QRZ0111-152	C RESISTOR	1.5kΩ 1/2W K	
R3363	QRG029J-103	OMF RESISTOR	10kΩ 2W J	
R3364	QRG029J-103	OMF RESISTOR	10kΩ 2W J	
R3365	QRG029J-103	OMF RESISTOR	10kΩ 2W J	
R3366	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3367	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3368	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3372	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3373	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3374	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3375	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3376	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3377	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3381	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R3391	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3392	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3393	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3394	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3395	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
L3381	QQL244K-101Z	PEAKING COIL	100uH K	

⚠Ref No.	Part No.	Part Name	Description	Local
⚠SK3351	QNZ0537-001	CRT SOCKET		
W3001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

AV SELECTER PW BOARD ASS'Y (SGE-5062A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC5001	CXA2134Q-X	IC		
IC5201	TC90A49P	IC		
IC5501	TA1218AN	IC		
Q5001	2SB709A/QR/-X	TRANSISTOR		
Q5002	2SB709A/QR/-X	TRANSISTOR		
Q5211	2SD601A/QR/-X	TRANSISTOR		
Q5212	2SD601A/QR/-X	TRANSISTOR		
Q5251	2SD601A/QR/-X	TRANSISTOR		
Q5252	2SB709A/QR/-X	TRANSISTOR		
Q5253	2SB709A/QR/-X	TRANSISTOR		
Q5261	2SB709A/QR/-X	TRANSISTOR		
Q5262	2SD601A/QR/-X	TRANSISTOR		
Q5263	2SB709A/QR/-X	TRANSISTOR		
Q5384	DTC323TK-X	DIGI TRANSISTOR		
Q5385	DTC323TK-X	DIGI TRANSISTOR		
Q5386	DTC323TK-X	DIGI TRANSISTOR		
Q5387	DTC323TK-X	DIGI TRANSISTOR		
Q5501	2SB709A/QR/-X	TRANSISTOR		
D5391	MTZJ9.1C-T2	Z DIODE		
D5392	MTZJ9.1C-T2	Z DIODE		
D5501	MTZJ9.1C-T2	Z DIODE		
D5502	MTZJ9.1C-T2	Z DIODE		
D5503	MTZJ9.1C-T2	Z DIODE		
D5504	MTZJ9.1C-T2	Z DIODE		
D5505	MTZJ9.1C-T2	Z DIODE		
D5507	MTZJ9.1C-T2	Z DIODE		
D5508	MTZJ9.1C-T2	Z DIODE		
D5509	MTZJ9.1C-T2	Z DIODE		
D5510	MTZJ9.1C-T2	Z DIODE		
D5511	MTZJ9.1C-T2	Z DIODE		
D5512	MTZJ9.1C-T2	Z DIODE		
D5513	MTZJ9.1C-T2	Z DIODE		
C5001	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C5002	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C5003	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C5004	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C5005	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5006	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C5007	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5008	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5009	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C5010	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5011	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C5012	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C5013	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C5014	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C5015	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C5016	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C5017	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C5018	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C5019	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C5020	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C5021	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C5022	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C5023	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C5024	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C5025	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C5026	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C5031	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C5203	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C5204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5205	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C5206	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
C5212	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C5213	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C5214	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C5215	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
C5226	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5231	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5232	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5233	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5234	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5235	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C5236	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5238	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5239	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5240	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5242	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5243	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5246	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C5247	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5251	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C5252	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5253	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C5255	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C5263	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C5391	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
C5392	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
C5501	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5502	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5503	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C5504	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
C5506	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C5508	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C5509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5520	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5521	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5531	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5532	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C5533	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5534	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
R5001	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R5002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R5003	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R5004	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R5005	NRSA63F-623X	MG RESISTOR	62kΩ 1/16W F	
R5007	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R5008	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R5010	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R5011	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5012	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5032	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5033	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R5034	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R5210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5211	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R5212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5213	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5214	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R5215	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R5216	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R5217	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5240	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5241	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R5242	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5243	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5251	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R5253	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5254	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5255	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R5258	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5259	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5261	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5262	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5263	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R5265	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5269	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R5270	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5384	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R5385	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R5386	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R5387	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R5391	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5392	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5393	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R5394	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R5395	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5396	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5502	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5504	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5507	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5508	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R5509	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5510	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5511	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5512	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5513	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R5514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5515	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5516	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5519	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5520	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5521	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5522	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R5523	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R5524	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5526	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5527	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5532	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R5533	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R5541	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5542	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5543	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5544	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R5545	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R5546	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5559	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5560	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5561	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L5202	QQL244K-150Z	COIL	15uH K	
L5211	QQL244K-4R7Z	COIL	4.7uH K	
L5241	QQL244K-4R7Z	COIL	4.7uH K	
L5243	QQL244K-4R7Z	COIL	4.7uH K	
L5244	QQL244K-4R7Z	COIL	4.7uH K	
L5261	QQL244K-150Z	COIL	15uH K	
CN5001	QGB1505K1-35	CONNECTOR	B-B (1-35)	
CN5006	QGA2501C5-05Z	CONNECTOR	W-B (1-5)	
J5501	QNZ0454-001	AV JACK	S/V/L/R IN	
J5502	QNN0349-001	PIN JACK	V/L/R IN	
J5503	QNN0348-001	PIN JACK	L/R OUT	
W5001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y5201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y5202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
C6401	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6402	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6403	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
R6401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
CN6006	QJB003-054610	SIN ID C-B WIRE		
J6401	QNN0417-001	PIN JACK	V/L/R IN	
LC6401	QQR1199-001	EMI FILTER		
Y6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC7701	GP1UM281QK	IR DETECT UNIT	38kHz	

⚠Ref No.	Part No.	Part Name	Description	Local
Q7702	UN2112-X	TRANSISTOR		
D7701	LG22440	LED	POWER	
C7701	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R7702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7703	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7704	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R7705	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7706	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7708	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R7709	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R7710	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7711	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN7007	QJB003-064826	SIN ID C-B WIRE		
S7701	QSW0707-001Z	TACT SWITCH	POWER	
S7702	QSW0707-001Z	TACT SWITCH	MENU	
S7703	QSW0707-001Z	TACT SWITCH	CH-	
S7704	QSW0707-001Z	TACT SWITCH	CH+	
S7705	QSW0707-001Z	TACT SWITCH	VOL-	
S7706	QSW0707-001Z	TACT SWITCH	VOL+	

[AV-32430/RA]
MAIN PW BOARD ASS'Y (SGE-1066A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	M52342SP	IC		
IC201	TM8812CPDNG4N35	IC(MCU)		
IC421	LA7841	IC		
IC621	LA4485	IC		
IC702	AT24C04W-32430	IC	(SERVICE)	
IC703	S-80840CNY-T	IC		
IC704	AN78L05-T	IC		
IC852	AN7809F	IC		
IC853	AN7805F	IC		
⚠IC911	STR-G6624/F8	IC		
⚠IC921	SE135N	IC		
Q001	UN2212-X	DIGI TRANSISTOR		
Q101	2SC5083/L-P/-T	TRANSISTOR		
Q131	2SB709A/QR/-X	TRANSISTOR		
Q161	2SD601A/QR/-X	TRANSISTOR		
Q211	2SD601A/QR/-X	TRANSISTOR		
Q232	2SD601A/QR/-X	TRANSISTOR		
Q233	2SD601A/QR/-X	TRANSISTOR		
Q352	2SD601A/QR/-X	TRANSISTOR		
Q431	UN2212-X	DIGI TRANSISTOR		
Q501	2SC4212/Z1/	TRANSISTOR		
⚠Q511	2SD2645-YD	TRANSISTOR	H OUT	
Q531	2SC2785/JH/-T	SI TRANSISTOR		
Q532	2SB709A/QR/-X	TRANSISTOR		
Q541	2SB709A/QR/-X	TRANSISTOR		
Q542	2SB709A/QR/-X	TRANSISTOR		
Q543	2SD1408/OY/-LB	POW TRANSISTOR		
Q622	2SD601A/QR/-X	TRANSISTOR		
Q623	UN2212-X	DIGI TRANSISTOR		
Q701	2SB709A/QR/-X	TRANSISTOR		
Q951	2SD1383K/AB/-X	TRANSISTOR		
Q971	2SA1208/ST/Z1-T	TRANSISTOR		
D305	1SS133-T2	DIODE		
D306	1SS133-T2	DIODE		
D307	1SS133-T2	DIODE		
D308	1SS133-T2	DIODE		
D309	1SS133-T2	DIODE		
D310	1SS133-T2	DIODE		
D352	MTZJ9.1C-T2	Z DIODE		
D353	1SS133-T2	DIODE		
D354	MTZJ3.3A-T2	Z DIODE		
D421	1N4003-T2	SI DIODE		
D422	MTZJ75-T2	Z DIODE		
D432	1SS133-T2	DIODE		
D501	RH3G-F1	SI DIODE		
D502	RU3AM-LFC4	SI DIODE		
D521	RH1S-T3	SI DIODE		
D523	RGP10J-5025-T3	SI DIODE		
D525	1SS81-T5	SI DIODE		
D526	1SS81-T5	SI DIODE		
D527	1SR124-400A-T2	SI DIODE		
D529	MTZJ5.1C-T2	Z DIODE		
⚠D531	MA4068N/Z1/-T2	Z DIODE		
D535	1SS133-T2	DIODE		
D537	1SR35-400A-T2	SI DIODE		
D601	MTZJ9.1C-T2	Z DIODE		
D602	MTZJ9.1C-T2	Z DIODE		
D603	MTZJ9.1C-T2	Z DIODE		
D700	MTZJ5.6B-T2	Z DIODE		
D701	1SS133-T2	DIODE		
D703	MTZJ5.6B-T2	Z DIODE		
D704	MTZJ5.6B-T2	Z DIODE		
D705	1SS133-T2	DIODE		
D706	MTZJ5.6B-T2	Z DIODE		
D707	MTZJ5.6B-T2	Z DIODE		
D708	MTZJ5.6B-T2	Z DIODE		
D709	MTZJ5.6B-T2	Z DIODE		
D723	MTZJ5.6B-T2	Z DIODE		
⚠D901	GSIB460-S1	BRIDGE DIODE		
D910	MA700A-T2	SB DIODE		
D911	RGP10J-5025-T3	SI DIODE		
D912	RGP10J-5025-T3	SI DIODE		
D913	RGP10J-5025-T3	SI DIODE		
D914	1SS133-T2	DIODE		
D915	SARS01-T2	SI DIODE		
D917	MTZJ30A-T2	Z DIODE		
D918	MTZJ5.1C-T2	Z DIODE		
D920	1SS133-T2	DIODE		
D931	RU30A-F1	SI DIODE		
D933	RU3YX-LFC4	SI DIODE		
D935	RU3YX-LFC4	SI DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D941	MTZJ33A-T2	Z DIODE		
D945	MTZJ9.1B-T2	Z DIODE		
D952	1SS133-T2	DIODE		
D953	1SS133-T2	DIODE		
D954	1N4002G-T2	SI DIODE		
D955	1N4002G-T2	SI DIODE		
D956	1N4002G-T2	SI DIODE		
D957	1N4002G-T2	SI DIODE		
D972	MTZJ15C-T2	Z DIODE		
D973	1SS133-T2	DIODE		
⚠PC921	TLP421F/D4-GR/	PHOTO COUPLER		
C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C003	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C004	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	
C006	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C106	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C113	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C116	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C117	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C119	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C120	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
C124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C131	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C161	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C163	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C164	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C166	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C203	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
C212	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C221	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C222	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C233	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C242	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C243	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C244	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C281	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C282	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C284	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C285	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C286	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C287	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C288	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C352	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C391	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C422	QFN32AJ-102Z	M CAPACITOR	1000pF 100V J	
C424	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
C425	QETN1VM-477Z	E CAPACITOR	470uF 35V M	
C427	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C428	QETM1EM-228	E CAPACITOR	2200uF 25V M	
C431	QFLC2AK-563Z	M CAPACITOR	0.056uF 100V K	
C432	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C433	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K	
C440	QCS32HJ-220Z	C CAPACITOR	22pF 500V J	
C501	QCB32HK-151Z	C CAPACITOR	150pF 500V K	
C502	QCB32HK-331Z	C CAPACITOR	330pF 500V K	
C503	QEHR2CM-105Z	E CAPACITOR	1uF 160V M	
C504	QEZ0203-107	E CAPACITOR	100uF 160V M	
C507	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K	
C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K	
⚠C510	QFZ0200-502	MPP CAPACITOR	5000pF 1.5kV H	
⚠C513	QFZ0198-133	MPP CAPACITOR	0.013uF 1.5KV	
C514	QFP32GJ-183	PP CAPACITOR	0.018uF 400V J	
C515	QFZ0199-534	MPP CAPACITOR	0.53uF 250V J	
C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K	
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M	
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M	
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J	

⚠Ref No.	Part No.	Part Name	Description Local
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C612	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C613	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C614	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M
⚠C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K
⚠C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K
⚠C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C907	QEZ0169-477	E CAPACITOR	470uF 200V M
⚠C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M
⚠C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M
⚠C998	QCZ9074-103	C CAPACITOR	0.01uF 250V
⚠C999	QCZ9074-103	C CAPACITOR	0.01uF 250V
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R505	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
⚠R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
⚠R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D

⚠Ref No.	Part No.	Part Name	Description Local
R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J
R545	QRE121J-822Y	C RESISTOR	8.2kΩ 1/2W J
R546	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R548	QRE121J-152Y	C RESISTOR	1.5kΩ 1/2W J
R553	QRL039J-180	OMF RESISTOR	18Ω 3W J
⚠R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J
R601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R621	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R622	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R623	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R624	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R627	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R631	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R632	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R638	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R639	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R652	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R653	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R705	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R718	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R729	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R733	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R766	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R811	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R855	QRG039J-100	OMF RESISTOR	10Ω 3W J
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J
R858	QRL029J-820	OMF RESISTOR	82Ω 2W J
R901	QRF074K-R47	UNF WW RESISTOR	0.47Ω 7W K
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J
R911	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R912	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
R913	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
⚠R914	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J
⚠R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J
⚠R917	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J
R918	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J
R924	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R930	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R939	QRT039J-2R2	MF RESISTOR	2.2Ω 3W J
R940	QRE121J-181Y	C RESISTOR	180Ω 1/2W J
R941	QRL029J-183	OMF RESISTOR	18kΩ 2W J
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J
R973	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J
R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R979	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J
R980	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J
⚠R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K
R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
L001	QQL244K-560Z	COIL	56uH K
L101	QQLZ014-R22	COIL	0.22uH 100mA L
L113	QQL244K-4R7Z	COIL	4.7uH K
L131	QQL244K-150Z	COIL	15uH K
L161	QQL244K-220Z	COIL	22uH K
L232	QQL244K-560Z	COIL	56uH K
L241	QQL244K-220Z	COIL	22uH K
L391	QQL244K-220Z	COIL	22uH K
L511	QQR1027-003	LINEARITY COIL	
L512	QQLZ036-821	COIL	820uH K
L521	QQLZ026-121	COIL	120uH ±7%
L701	QQL244K-220Z	COIL	22uH K
L702	QQL244K-220Z	COIL	22uH K
L704	QQL244K-220Z	COIL	22uH K
L705	QQL244K-220Z	COIL	22uH K
L931	QQL26AK-470Z	COIL	47uH K
L933	QQL26AK-470Z	COIL	47uH K
L940	QQR0582-001Z	FERRITE BEADS	
T111	QQR0907-001	IFT	
T501	CE42034-002	HOR DRIVE TRANS	
⚠T502	QQH0121-001	FB TRANSF	
⚠T921	QQS0138-001	SW TRANSF	
⚠T951	QQT0372-001	POWER TRANSF	
CF001	QAX0349-001	C TRAP	47.25MHz
CF131	QAX0639-001Z	C TRAP	4.500MHz
CF161	QAX0642-001Z	C FILTER	4.500MHz
CN001	QGB1505J1-35	CONNECTOR	B-B (1-35)
CN004	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
CN005	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
CN007	QGA2501C5-06Z	CONNECTOR	W-B (1-6)
CN00C	QGA2501F1-06	CONNECTOR	W-B (1-6)
CN0B1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)
CN0E1	CE41507-001P	LV CONNECTOR	
CN0HV	QGZ5004C1-06	CONNECTOR	(1-6)
CN0S1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)
CN0SS	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
⚠CP932	ICP-N70-T	IC PROTECTOR	2.5A
⚠CP936	ICP-N70-T	IC PROTECTOR	2.5A
⚠F901	QMF0007-5R0J1	FUSE	5A
⚠F905	QMFZ049-5R0Z-E	FUSE	5A 125V
FC901	CEMG002-001Z	FUSE CLIP	
FC902	CEMG002-001Z	FUSE CLIP	
⚠FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J
⚠FR527	QRZ9011-470	FUSI RESISTOR	47Ω 1/2W J
HS001	CEHE011-001WU	HEAT SINK	
HS002	LC31678-001A	HEAT SINK/AL-F/	
HS003	LC31677-001A	HEAT SINK/AL-F/	
HS004	CEHE015-001WU	HEAT SINK	
HS005	CM42862-00G-H	HEAT SINK ASSY	
HS007	CEHT11B-002QS	HEAT SINK	
J601	QNN0349-002	PIN JACK	
K401	QQR0621-002Z	FERRITE BEADS	
K912	QQR0582-001Z	FERRITE BEADS	
K916	QQR0582-001Z	FERRITE BEADS	
K917	QQR0582-001Z	FERRITE BEADS	
K918	QQR0582-001Z	FERRITE BEADS	
K931	QQR0582-001Z	FERRITE BEADS	
K932	QQR0582-001Z	FERRITE BEADS	
K933	QQR0621-002Z	FERRITE BEADS	
K935	QQR0582-001Z	FERRITE BEADS	
LC601	QQR1199-001	EMI FILTER	COMP IN
LC602	QQR1199-001	EMI FILTER	
LC603	QQR1199-001	EMI FILTER	
⚠LF901	QQR1085-003	LINE FILTER	
⚠RY951	QSK0086-001	RELAY	
S421	QSL4A13-C02	LEVER SWITCH	V CENTER
SF101	QAX0723-001	SAW FILTER	
⚠TH901	QAD0132-3R0	P THERMISTOR	3Ω
⚠TU001	QAU0305-001	TUNER	
⚠VA901	ERZV10V621CS	ZNR	
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W11	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
W12	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
X701	QAX0717-001Z	CRYSTAL	8.000MHz
Y402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y701	QRE141J-0R0Y	C RESISTOR	0Ω 1/4W J

CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

AV SELECTER PW BOARD ASS'Y (SGE-5062A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

[AV-32430/YA]
MAIN PW BOARD ASS'Y (SGE-1065A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC101	M52342SP	IC	
IC201	TM8812CPDNG4N35	IC(MCU)	
IC421	LA7841	IC	
IC621	LA4485	IC	
IC702	AT24C04W-32430	IC	(SERVICE)
IC703	S-80840CNY-T	IC	
IC704	AN78L05-T	IC	
IC852	AN7809F	IC	
IC853	AN7805F	IC	
⚠IC911	STR-G6624/F8	IC	
⚠IC921	SE135N	IC	
Q001	UN2212-X	DIGI TRANSISTOR	
Q101	2SC5083/L-P/-T	TRANSISTOR	
Q131	2SB709A/QR/-X	TRANSISTOR	
Q161	2SD601A/QR/-X	TRANSISTOR	
Q211	2SD601A/QR/-X	TRANSISTOR	
Q232	2SD601A/QR/-X	TRANSISTOR	
Q233	2SD601A/QR/-X	TRANSISTOR	
Q352	2SD601A/QR/-X	TRANSISTOR	
Q431	UN2212-X	DIGI TRANSISTOR	
Q501	2SC4212/Z1/	TRANSISTOR	
⚠Q511	2SD2645-YD	TRANSISTOR	H OUT
Q531	2SC2785/JH/-T	SI TRANSISTOR	
Q532	2SB709A/QR/-X	TRANSISTOR	
Q541	2SB709A/QR/-X	TRANSISTOR	
Q542	2SB709A/QR/-X	TRANSISTOR	
Q543	2SD1408/OY/-LB	POW TRANSISTOR	
Q622	2SD601A/QR/-X	TRANSISTOR	
Q623	UN2212-X	DIGI TRANSISTOR	
Q701	2SB709A/QR/-X	TRANSISTOR	
Q951	2SD1383K/AB/-X	TRANSISTOR	
Q971	2SA1208/ST/Z1-T	TRANSISTOR	
D305	1SS133-T2	DIODE	
D306	1SS133-T2	DIODE	
D307	1SS133-T2	DIODE	
D308	1SS133-T2	DIODE	
D309	1SS133-T2	DIODE	
D310	1SS133-T2	DIODE	
D352	MTZJ9.1C-T2	Z DIODE	
D353	1SS133-T2	DIODE	
D354	MTZJ3.3A-T2	Z DIODE	
D421	1N4003-T2	SI DIODE	
D422	MTZJ75-T2	Z DIODE	
D432	1SS133-T2	DIODE	
D501	RH3G-F1	SI DIODE	
D502	RU3AM-LFC4	SI DIODE	
D521	RH1S-T3	SI DIODE	
D523	RGP10J-5025-T3	SI DIODE	
D525	1SS81-T5	SI DIODE	
D526	1SS81-T5	SI DIODE	
D527	1SR124-400A-T2	SI DIODE	
D529	MTZJ5.1C-T2	Z DIODE	
⚠D531	MA4068N/Z1/-T2	Z DIODE	
D535	1SS133-T2	DIODE	
D537	1SR35-400A-T2	SI DIODE	
D601	MTZJ9.1C-T2	Z DIODE	
D602	MTZJ9.1C-T2	Z DIODE	
D603	MTZJ9.1C-T2	Z DIODE	
D700	MTZJ5.6B-T2	Z DIODE	
D701	1SS133-T2	DIODE	
D703	MTZJ5.6B-T2	Z DIODE	
D704	MTZJ5.6B-T2	Z DIODE	
D705	1SS133-T2	DIODE	
D706	MTZJ5.6B-T2	Z DIODE	
D707	MTZJ5.6B-T2	Z DIODE	
D708	MTZJ5.6B-T2	Z DIODE	
D709	MTZJ5.6B-T2	Z DIODE	
D723	MTZJ5.6B-T2	Z DIODE	
⚠D901	GSIB460-S1	BRIDGE DIODE	
D910	MA700A-T2	SB DIODE	
D911	RGP10J-5025-T3	SI DIODE	
D912	RGP10J-5025-T3	SI DIODE	
D913	RGP10J-5025-T3	SI DIODE	
D914	1SS133-T2	DIODE	
D915	SARS01-T2	SI DIODE	
D917	MTZJ30A-T2	Z DIODE	
D918	MTZJ5.1C-T2	Z DIODE	
D920	1SS133-T2	DIODE	
D931	RU30A-F1	SI DIODE	
D933	RU3YX-LFC4	SI DIODE	
D935	RU3YX-LFC4	SI DIODE	

⚠Ref No.	Part No.	Part Name	Description Local
D941	MTZJ33A-T2	Z DIODE	
D945	MTZJ9.1B-T2	Z DIODE	
D952	1SS133-T2	DIODE	
D953	1SS133-T2	DIODE	
D954	1N4002G-T2	SI DIODE	
D955	1N4002G-T2	SI DIODE	
D956	1N4002G-T2	SI DIODE	
D957	1N4002G-T2	SI DIODE	
D972	MTZJ15C-T2	Z DIODE	
D973	1SS133-T2	DIODE	
⚠PC921	TLP421F/D4-GR/	PHOTO COUPLER	
C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C003	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C004	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C006	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C106	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C113	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C116	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
C117	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C119	NDC31HJ-681X	C CAPACITOR	680pF 50V J
C120	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C131	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C161	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C163	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C164	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C166	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C202	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C203	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C212	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C221	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C222	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C233	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C242	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C243	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C244	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C281	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C282	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C284	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C285	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C286	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C287	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C288	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C352	QETN1CM-336Z	E CAPACITOR	33uF 16V M
C354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C391	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C422	QFN32AJ-102Z	M CAPACITOR	1000pF 100V J
C424	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C425	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C427	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C428	QETM1EM-228	E CAPACITOR	2200uF 25V M
C431	QFLC2AK-563Z	M CAPACITOR	0.056uF 100V K
C432	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C433	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K
C440	QCS32HJ-220Z	C CAPACITOR	22pF 500V J
C501	QCB32HK-151Z	C CAPACITOR	150pF 500V K
C502	QCB32HK-331Z	C CAPACITOR	330pF 500V K
C503	QEHR2CM-105Z	E CAPACITOR	1uF 160V M
C504	QEZ0203-107	E CAPACITOR	100uF 160V M
C507	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
⚠C510	QFZ0200-502	MPP CAPACITOR	5000pF 1.5kV H
⚠C513	QFZ0198-133	MPP CAPACITOR	0.013uF 1.5KV
C514	QFP32GJ-183	PP CAPACITOR	0.018uF 400V J
C515	QFZ0199-534	MPP CAPACITOR	0.53uF250V M
C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J

⚠Ref No.	Part No.	Part Name	Description Local
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C612	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C613	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C614	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M
⚠C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K
⚠C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K
⚠C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C907	QEZ0169-477	E CAPACITOR	470uF 200V M
⚠C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M
⚠C997	QCZ9052-102	C CAPACITOR	1000pF AC250V M
⚠C998	QCZ9074-103	C CAPACITOR	0.01uF 250V
⚠C999	QCZ9074-103	C CAPACITOR	0.01uF 250V
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R505	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
⚠R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
⚠R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D

⚠Ref No.	Part No.	Part Name	Description Local
R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J
R545	QRE121J-822Y	C RESISTOR	8.2kΩ 1/2W J
R546	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R548	QRE121J-152Y	C RESISTOR	1.5kΩ 1/2W J
R553	QRL039J-180	OMF RESISTOR	18Ω 3W J
⚠R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J
R601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R621	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R622	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R623	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R624	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R627	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R631	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R632	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R638	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R639	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R652	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R653	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R705	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R718	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R729	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R733	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R766	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R811	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R855	QRG039J-100	OMF RESISTOR	10Ω 3W J
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J
R858	QRL029J-820	OMF RESISTOR	82Ω 2W J
R901	QRF074K-R47	UNF WW RESISTOR	0.47Ω 7W K
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J
R911	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R912	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
R913	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
⚠R914	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J
⚠R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J
⚠R917	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J
R918	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J
R924	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R930	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R939	QRT039J-2R2	MF RESISTOR	2.2Ω 3W J
R940	QRE121J-181Y	C RESISTOR	180Ω 1/2W J
R941	QRL029J-183	OMF RESISTOR	18kΩ 2W J
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J
R973	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J
R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R979	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J
R980	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J
⚠R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K
R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
L001	QQL244K-560Z	COIL	56uH K
L101	QQLZ014-R22	COIL	0.22uH 100mA L
L113	QQL244K-4R7Z	COIL	4.7uH K
L131	QQL244K-150Z	COIL	15uH K
L161	QQL244K-220Z	COIL	22uH K
L232	QQL244K-560Z	COIL	56uH K
L241	QQL244K-220Z	COIL	22uH K
L391	QQL244K-220Z	COIL	22uH K
L511	QQR1027-003	LINEARITY COIL	
L512	QQLZ036-821	COIL	820uH K
L521	QQLZ026-121	COIL	120uH ±7%
L701	QQL244K-220Z	COIL	22uH K
L702	QQL244K-220Z	COIL	22uH K
L704	QQL244K-220Z	COIL	22uH K
L705	QQL244K-220Z	COIL	22uH K
L931	QQL26AK-470Z	COIL	47uH K
L933	QQL26AK-470Z	COIL	47uH K
L940	QQR0582-001Z	FERRITE BEADS	
T111	QQR0907-001	IFT	
T501	CE42034-002	HOR DRIVE TRANS	
⚠T502	QQH0121-001	FB TRANSF	
⚠T921	QQS0138-001	SW TRANSF	
⚠T951	QQT0372-001	POWER TRANSF	
CF001	QAX0349-001	C TRAP	47.25MHz
CF131	QAX0639-001Z	C TRAP	4.500MHz
CF161	QAX0642-001Z	C FILTER	4.500MHz
CN001	QGB1505J1-35	CONNECTOR	B-B (1-35)
CN004	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
CN005	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
CN007	QGA2501C5-06Z	CONNECTOR	W-B (1-6)
CN00C	QGA2501F1-06	CONNECTOR	W-B (1-6)
CN0B1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)
CN0E1	CE41507-001P	LV CONNECTOR	
CN0HV	QGZ5004C1-06	CONNECTOR	(1-6)
CN0S1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)
CN0SS	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
⚠CP932	ICP-N70-T	IC PROTECTOR	2.5A
⚠CP936	ICP-N70-T	IC PROTECTOR	2.5A
⚠F901	QMF0007-5R0J1	FUSE	5A
⚠F905	QMFZ049-5R0Z-E	FUSE	5A 125V
FC901	CEMG002-001Z	FUSE CLIP	
FC902	CEMG002-001Z	FUSE CLIP	
⚠FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J
⚠FR527	QRZ9011-470	FUSI RESISTOR	47Ω 1/2W J
HS001	CEHE011-001WU	HEAT SINK	
HS002	LC31678-001A	HEAT SINK/AL-F/	
HS003	LC31677-001A	HEAT SINK/AL-F/	
HS004	CEHE015-001WU	HEAT SINK	
HS005	CM42862-00G-H	HEAT SINK ASSY	
HS007	CEHT11B-002QS	HEAT SINK	
J601	QNN0349-002	PIN JACK	COMP IN
K401	QQR0621-002Z	FERRITE BEADS	
K912	QQR0582-001Z	FERRITE BEADS	
K916	QQR0582-001Z	FERRITE BEADS	
K917	QQR0582-001Z	FERRITE BEADS	
K918	QQR0582-001Z	FERRITE BEADS	
K931	QQR0582-001Z	FERRITE BEADS	
K932	QQR0582-001Z	FERRITE BEADS	
K933	QQR0621-002Z	FERRITE BEADS	
K935	QQR0582-001Z	FERRITE BEADS	
LC601	QQR1199-001	EMI FILTER	
LC602	QQR1199-001	EMI FILTER	
LC603	QQR1199-001	EMI FILTER	
⚠LF901	QQR1085-003	LINE FILTER	
⚠RY951	QSK0086-001	RELAY	
S421	QSL4A13-C02	LEVER SWITCH	V CENTER
SF101	QAX0723-001	SAW FILTER	
⚠TH901	QAD0132-3R0	P THERMISTOR	3Ω
⚠TU001	QAU0305-001	TUNER	
⚠VA901	ERZV10V621CS	ZNR	
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W11	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
W12	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
X701	QAX0717-001Z	CRYSTAL	8.000MHz	
Y402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Y701	QRE141J-0R0Y	C RESISTOR	0Ω 1/4W J	

CRT SOCKET PW BOARD ASS'Y (SGE-3062A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
Q3351	2SC4544-LB	POW TRANSISTOR		
Q3352	2SC4544-LB	POW TRANSISTOR		
Q3353	2SC4544-LB	POW TRANSISTOR		
Q3391	2SA933AS/QR/-T	TRANSISTOR		
D3389	MTZJ5.1A-T2	Z DIODE		
D3390	1SS133-T2	DIODE		
D3391	1SS133-T2	DIODE		
D3393	1SS133-T2	DIODE		
D3394	1SS133-T2	DIODE		
D3395	1SS133-T2	DIODE		
C3354	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C3355	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C3356	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C3357	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C3382	QCZ0121-102	C CAPACITOR	1000pF 3KV	
C3391	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C3392	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
R3354	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R3355	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R3356	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R3357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3360	QRZ0111-152	C RESISTOR	1.5kΩ 1/2W K	
R3361	QRZ0111-152	C RESISTOR	1.5kΩ 1/2W K	
R3362	QRZ0111-152	C RESISTOR	1.5kΩ 1/2W K	
R3363	QRG029J-103	OMF RESISTOR	10kΩ 2W J	
R3364	QRG029J-103	OMF RESISTOR	10kΩ 2W J	
R3365	QRG029J-103	OMF RESISTOR	10kΩ 2W J	
R3366	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3367	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3368	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3372	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3373	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3374	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3375	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3376	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3377	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3381	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R3391	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3392	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3393	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3394	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3395	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
L3381	QQL244K-101Z	PEAKING COIL	100uH K	
⚠SK3351	QNZ0537-001	CRT SOCKET		
W3001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

AV SELECTER PW BOARD ASS'Y (SGE-5062A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

[AV-32432/MA]
MAIN PW BOARD ASS'Y (SGE-1061A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC101	M52342SP	IC	
IC201	TM8812CPDNG4N35	IC(MCU)	
IC421	LA7841	IC	
IC621	LA4485	IC	
IC702	AT24C04W-32430	IC	(SERVICE)
IC703	S-80840CNY-T	IC	
IC704	AN78L05-T	IC	
IC852	AN7809F	IC	
IC853	AN7805F	IC	
⚠IC911	STR-G6624/F8	IC	
⚠IC921	SE135N	IC	
Q001	UN2212-X	DIGI TRANSISTOR	
Q101	2SC5083/L-P/-T	TRANSISTOR	
Q131	2SB709A/QR/-X	TRANSISTOR	
Q161	2SD601A/QR/-X	TRANSISTOR	
Q211	2SD601A/QR/-X	TRANSISTOR	
Q232	2SD601A/QR/-X	TRANSISTOR	
Q233	2SD601A/QR/-X	TRANSISTOR	
Q352	2SD601A/QR/-X	TRANSISTOR	
Q431	UN2212-X	DIGI TRANSISTOR	
Q501	2SC4212/Z1/	TRANSISTOR	
⚠Q511	2SD2645-YD	TRANSISTOR	H OUT
Q531	2SC2785/JH/-T	SI TRANSISTOR	
Q532	2SB709A/QR/-X	TRANSISTOR	
Q541	2SB709A/QR/-X	TRANSISTOR	
Q542	2SB709A/QR/-X	TRANSISTOR	
Q543	2SD1408/OY/-LB	POW TRANSISTOR	
Q622	2SD601A/QR/-X	TRANSISTOR	
Q623	UN2212-X	DIGI TRANSISTOR	
Q701	2SB709A/QR/-X	TRANSISTOR	
Q951	2SD1383K/AB/-X	TRANSISTOR	
Q971	2SA1208/ST/Z1-T	TRANSISTOR	
D305	1SS133-T2	DIODE	
D306	1SS133-T2	DIODE	
D307	1SS133-T2	DIODE	
D308	1SS133-T2	DIODE	
D309	1SS133-T2	DIODE	
D310	1SS133-T2	DIODE	
D352	MTZJ9.1C-T2	Z DIODE	
D353	1SS133-T2	DIODE	
D354	MTZJ3.3A-T2	Z DIODE	
D421	1N4003-T2	SI DIODE	
D422	MTZJ75-T2	Z DIODE	
D432	1SS133-T2	DIODE	
D501	RH3G-F1	SI DIODE	
D502	RU3AM-LFC4	SI DIODE	
D521	RH1S-T3	SI DIODE	
D523	RGP10J-5025-T3	SI DIODE	
D525	1SS81-T5	SI DIODE	
D526	1SS81-T5	SI DIODE	
D527	1SR124-400A-T2	SI DIODE	
D529	MTZJ5.1C-T2	Z DIODE	
⚠D531	MA4068N/Z1/-T2	Z DIODE	
D535	1SS133-T2	DIODE	
D537	1SR35-400A-T2	SI DIODE	
D601	MTZJ9.1C-T2	Z DIODE	
D602	MTZJ9.1C-T2	Z DIODE	
D603	MTZJ9.1C-T2	Z DIODE	
D700	MTZJ5.6B-T2	Z DIODE	
D701	1SS133-T2	DIODE	
D703	MTZJ5.6B-T2	Z DIODE	
D704	MTZJ5.6B-T2	Z DIODE	
D705	1SS133-T2	DIODE	
D706	MTZJ5.6B-T2	Z DIODE	
D707	MTZJ5.6B-T2	Z DIODE	
D708	MTZJ5.6B-T2	Z DIODE	
D709	MTZJ5.6B-T2	Z DIODE	
D723	MTZJ5.6B-T2	Z DIODE	
⚠D901	GSIB460-S1	BRIDGE DIODE	
D910	MA700A-T2	SB DIODE	
D911	RGP10J-5025-T3	SI DIODE	
D912	RGP10J-5025-T3	SI DIODE	
D913	RGP10J-5025-T3	SI DIODE	
D914	1SS133-T2	DIODE	
D915	SARS01-T2	SI DIODE	
D917	MTZJ30A-T2	Z DIODE	
D918	MTZJ5.1C-T2	Z DIODE	
D920	1SS133-T2	DIODE	
D931	RU30A-F1	SI DIODE	
D933	RU3YX-LFC4	SI DIODE	
D935	RU3YX-LFC4	SI DIODE	

⚠Ref No.	Part No.	Part Name	Description Local
D941	MTZJ33A-T2	Z DIODE	
D945	MTZJ9.1B-T2	Z DIODE	
D952	1SS133-T2	DIODE	
D953	1SS133-T2	DIODE	
D954	1N4002G-T2	SI DIODE	
D955	1N4002G-T2	SI DIODE	
D956	1N4002G-T2	SI DIODE	
D957	1N4002G-T2	SI DIODE	
D972	MTZJ15C-T2	Z DIODE	
D973	1SS133-T2	DIODE	
⚠PC921	TLP421F/D4-GR/	PHOTO COUPLER	
C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C003	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C004	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C006	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C106	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C113	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C116	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
C117	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C119	NDC31HJ-681X	C CAPACITOR	680pF 50V J
C120	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C131	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C161	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C163	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C164	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C166	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C202	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C203	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C212	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C221	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C222	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C233	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C242	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C243	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C244	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C281	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C282	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C284	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C285	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C286	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C287	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C288	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C352	QETN1CM-336Z	E CAPACITOR	33uF 16V M
C354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C391	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C422	QFN32AJ-102Z	M CAPACITOR	1000pF 100V J
C424	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C425	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C427	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C428	QETM1EM-228	E CAPACITOR	2200uF 25V M
C431	QFLC2AK-563Z	M CAPACITOR	0.056uF 100V K
C432	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C433	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K
C440	QCS32HJ-220Z	C CAPACITOR	22pF 500V J
C501	QCB32HK-151Z	C CAPACITOR	150pF 500V K
C502	QCB32HK-331Z	C CAPACITOR	330pF 500V K
C503	QEHR2CM-105Z	E CAPACITOR	1uF 160V M
C504	QEZ0203-107	E CAPACITOR	100uF 160V M
C507	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
⚠C510	QFZ0200-532	MPP CAPACITOR	5300pF 1.5kV H
⚠C513	QFZ0198-133	MPP CAPACITOR	0.013uF 1.5KV
C514	QFP32GJ-183	PP CAPACITOR	0.018uF 400V J
C515	QFZ0199-564	MPP CAPACITOR	0.56uF 250V
C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J

⚠Ref No.	Part No.	Part Name	Description Local
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M
⚠C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K
⚠C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K
⚠C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C907	QEZ0169-477	E CAPACITOR	470uF 200V M
⚠C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M
⚠C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M
⚠C998	QCZ9074-103	C CAPACITOR	0.01uF 250V
⚠C999	QCZ9074-103	C CAPACITOR	0.01uF 250V
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R434	QRL029J-221	OMF RESISTOR	220Ω 2W J
R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R505	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
⚠R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
⚠R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D
R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J

⚠Ref No.	Part No.	Part Name	Description	Local
R545	QRE121J-153Y	C RESISTOR	15kΩ 1/2W J	
R546	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R548	QRE121J-152Y	C RESISTOR	1.5kΩ 1/2W J	
R553	QRL039J-100	OMF RESISTOR	10Ω 3W J	
⚠R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J	
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J	
R601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R621	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R622	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R623	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R624	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R627	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R631	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R632	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R638	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R639	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R652	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R653	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R705	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R718	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R729	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R733	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R766	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R811	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	QRG039J-100	OMF RESISTOR	10Ω 3W J	
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J	
R858	QRL029J-820	OMF RESISTOR	82Ω 2W J	
R901	QRF074K-R47	UNF WW RESISTOR	0.47Ω 7W K	
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J	
R911	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J	
R912	QRT029J-R22	MF RESISTOR	0.22Ω 2W J	
R913	QRT029J-R22	MF RESISTOR	0.22Ω 2W J	
⚠R914	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J	
⚠R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J	
⚠R917	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J	
R918	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J	
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J	
R924	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J	
R930	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J	
R939	QRT039J-2R2	MF RESISTOR	2.2Ω 3W J	
R940	QRE121J-181Y	C RESISTOR	180Ω 1/2W J	
R941	QRL029J-183	OMF RESISTOR	18kΩ 2W J	
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R951	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J	
R973	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J	
R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J	
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R979	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J	
R980	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J	
⚠R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K	
R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J	
L001	QQL244K-560Z	COIL	56uH K	
L101	QQLZ014-R22	COIL	0.22uH 100mA L	
L113	QQL244K-4R7Z	COIL	4.7uH K	
L131	QQL244K-150Z	COIL	15uH K	
L161	QQL244K-220Z	COIL	22uH K	
L232	QQL244K-560Z	COIL	56uH K	
L241	QQL244K-220Z	COIL	22uH K	
L391	QQL244K-220Z	COIL	22uH K	
L511	QQR1027-003	LINEARITY COIL		
L512	QQLZ036-821	COIL	820uH K	
L521	QQLZ026-640	COIL	64uH ±7%	
L701	QQL244K-220Z	COIL	22uH K	
L702	QQL244K-220Z	COIL	22uH K	
L704	QQL244K-220Z	COIL	22uH K	
L705	QQL244K-220Z	COIL	22uH K	
L931	QQL26AK-470Z	COIL	47uH K	
L933	QQL26AK-470Z	COIL	47uH K	
L940	QQR0582-001Z	FERRITE BEADS		
T111	QQR0907-001	IFT		
T501	CE42034-002	HOR DRIVE TRANS		
⚠T502	QQH0121-001	FB TRANSF		
⚠T921	QQS0138-001	SW TRANSF		
⚠T951	QQT0372-001	POWER TRANSF		
CF001	QAX0349-001	C TRAP	47.25MHz	
CF131	QAX0639-001Z	C TRAP	4.500MHz	
CF161	QAX0642-001Z	C FILTER	4.500MHz	
CN001	QGB1505J1-35	CONNECTOR	B-B (1-35)	
CN004	QGA2501C5-05Z	CONNECTOR	W-B (1-5)	
CN005	QGA2501C5-04Z	CONNECTOR	W-B (1-4)	
CN007	QGA2501C5-06Z	CONNECTOR	W-B (1-6)	
CN00C	QGA2501F1-06	CONNECTOR	W-B (1-6)	
CN0B1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)	
CN0E1	CE41507-001P	LV CONNECTOR		
CN0HV	QGZ5004C1-06	CONNECTOR	(1-6)	
CN0S1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)	
CN0SS	QGA2501C5-04Z	CONNECTOR	W-B (1-4)	
⚠CP932	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP936	ICP-N70-T	IC PROTECTOR	2.5A	
⚠F901	QMF0007-5R0J1	FUSE	5A	
⚠F905	QMFZ049-5R0Z-E	FUSE	5A 125V	
FC901	CEMG002-001Z	FUSE CLIP		
FC902	CEMG002-001Z	FUSE CLIP		
⚠FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J	
⚠FR527	QRZ9011-470	FUSI RESISTOR	47Ω 1/2W J	
HS001	CEHE011-001WU	HEAT SINK		
HS002	LC31678-001A	HEAT SINK/AL-F/		
HS003	LC31677-001A	HEAT SINK/AL-F/		
HS004	CEHE015-001WU	HEAT SINK		
HS005	CM42862-00G-H	HEAT SINK ASSY		
HS007	CEHT11B-002QS	HEAT SINK		
J601	QNN0349-002	PIN JACK	COMP IN	
K401	QQR0621-002Z	FERRITE BEADS		
K912	QQR0582-001Z	FERRITE BEADS		
K916	QQR0582-001Z	FERRITE BEADS		
K917	QQR0582-001Z	FERRITE BEADS		
K918	QQR0582-001Z	FERRITE BEADS		
K931	QQR0582-001Z	FERRITE BEADS		
K932	QQR0582-001Z	FERRITE BEADS		
K933	QQR0621-002Z	FERRITE BEADS		
K935	QQR0582-001Z	FERRITE BEADS		
LC601	QQR1199-001	EMI FILTER		
LC602	QQR1199-001	EMI FILTER		
LC603	QQR1199-001	EMI FILTER		
⚠LF901	QQR1085-003	LINE FILTER		
⚠RY951	QSK0086-001	RELAY		
S421	QSL4A13-C02	LEVER SWITCH	V CENTER	
SF101	QAX0723-001	SAW FILTER		
⚠TH901	QAD0132-3R0	P THERMISTOR	3Ω	
⚠TU001	QAU0305-001	TUNER		
⚠VA901	ERZV10V621CS	ZNR		
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W11	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W12	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description Local
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
X701	QAX0717-001Z	CRYSTAL	8.000MHz
Y402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y701	QRE141J-0R0Y	C RESISTOR	0Ω 1/4W J

CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

AV SELECTER PW BOARD ASS'Y (SGE-5061A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC5001	CXA2134Q-X	IC	
IC5201	TC90A49P	IC	
IC5501	TA1218AN	IC	
Q5001	2SB709A/QR/-X	TRANSISTOR	
Q5002	2SB709A/QR/-X	TRANSISTOR	
Q5211	2SD601A/QR/-X	TRANSISTOR	
Q5212	2SD601A/QR/-X	TRANSISTOR	
Q5251	2SD601A/QR/-X	TRANSISTOR	
Q5252	2SB709A/QR/-X	TRANSISTOR	
Q5253	2SB709A/QR/-X	TRANSISTOR	
Q5261	2SB709A/QR/-X	TRANSISTOR	
Q5262	2SD601A/QR/-X	TRANSISTOR	
Q5263	2SB709A/QR/-X	TRANSISTOR	
Q5384	DTC323TK-X	DIGI TRANSISTOR	
Q5385	DTC323TK-X	DIGI TRANSISTOR	
Q5386	DTC323TK-X	DIGI TRANSISTOR	
Q5387	DTC323TK-X	DIGI TRANSISTOR	
Q5501	2SB709A/QR/-X	TRANSISTOR	
D5391	MTZJ9.1C-T2	Z DIODE	
D5392	MTZJ9.1C-T2	Z DIODE	
D5501	MTZJ9.1C-T2	Z DIODE	
D5502	MTZJ9.1C-T2	Z DIODE	
D5503	MTZJ9.1C-T2	Z DIODE	
D5504	MTZJ9.1C-T2	Z DIODE	
D5505	MTZJ9.1C-T2	Z DIODE	
D5507	MTZJ9.1C-T2	Z DIODE	
D5508	MTZJ9.1C-T2	Z DIODE	
D5510	MTZJ9.1C-T2	Z DIODE	
D5511	MTZJ9.1C-T2	Z DIODE	
D5512	MTZJ9.1C-T2	Z DIODE	
D5513	MTZJ9.1C-T2	Z DIODE	
C5001	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5002	NCB31HK-562X	C CAPACITOR	5600pF 50V K
C5003	NCB31HK-123X	C CAPACITOR	0.012uF 50V K
C5004	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C5005	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C5006	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5007	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C5008	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5009	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5010	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C5011	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5012	NCB31HK-272X	C CAPACITOR	2700pF 50V K
C5013	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C5014	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5015	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5016	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C5017	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C5018	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C5019	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C5020	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C5021	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5022	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C5023	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C5024	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5025	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C5026	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
C5031	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5203	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C5204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5205	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C5206	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C5212	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C5213	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C5214	NDC31HJ-181X	C CAPACITOR	180pF 50V J
C5215	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C5226	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5231	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5232	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5233	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5234	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5235	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5236	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5238	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5239	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5240	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5242	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5243	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5246	NDC31HJ-181X	C CAPACITOR	180pF 50V J
C5247	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5251	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C5252	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5253	NDC31HJ-820X	C CAPACITOR	82pF 50V J
C5255	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C5263	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C5391	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C5392	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C5501	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C5502	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C5503	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5504	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C5508	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5520	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C5521	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C5531	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5532	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C5533	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5534	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
R5001	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R5002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R5003	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R5004	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R5005	NRSA63F-623X	MG RESISTOR	62kΩ 1/16W F
R5007	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R5008	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J
R5010	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R5011	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5012	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5032	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5033	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R5034	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R5210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5211	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R5212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5213	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5214	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R5215	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R5216	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R5217	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R5240	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5241	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R5242	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5243	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5251	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R5253	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5254	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5255	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R5258	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5259	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R5261	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5262	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R5263	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R5265	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5269	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R5270	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5384	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5385	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5386	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5387	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5391	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5392	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5393	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R5394	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R5395	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5396	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5502	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5504	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5507	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5508	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R5509	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5510	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5511	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5512	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5513	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R5514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5515	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5516	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5519	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5520	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5521	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5522	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5523	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5524	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5526	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5532	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5533	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5541	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5542	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5543	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5544	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R5545	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R5546	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5559	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5560	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5561	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L5202	QQL244K-150Z	COIL	15uH K
L5211	QQL244K-4R7Z	COIL	4.7uH K
L5241	QQL244K-4R7Z	COIL	4.7uH K
L5243	QQL244K-4R7Z	COIL	4.7uH K
L5244	QQL244K-4R7Z	COIL	4.7uH K
L5261	QQL244K-150Z	COIL	15uH K
CN5001	QGB1505K1-35	CONNECTOR	B-B (1-35)
CN5006	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
J5501	QNZ0454-001	AV JACK	S/V/L/R IN
J5502	QNN0348-001	PIN JACK	V/L/R IN
J5503	QNN0348-001	PIN JACK	L/R OUT
W5001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y5201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y5202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

[AV-32432/RA]
MAIN PW BOARD ASS'Y (SGE-1063A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	M52342SP	IC		
IC201	TM8812CPDNG4N35	IC(MCU)		
IC421	LA7841	IC		
IC621	LA4485	IC		
IC702	AT24C04W-32430	IC	(SERVICE)	
IC703	S-80840CNY-T	IC		
IC704	AN78L05-T	IC		
IC852	AN7809F	IC		
IC853	AN7805F	IC		
⚠IC911	STR-G6624/F8	IC		
⚠IC921	SE135N	IC		
Q001	UN2212-X	DIGI TRANSISTOR		
Q101	2SC5083/L-P/-T	TRANSISTOR		
Q131	2SB709A/QR/-X	TRANSISTOR		
Q161	2SD601A/QR/-X	TRANSISTOR		
Q211	2SD601A/QR/-X	TRANSISTOR		
Q232	2SD601A/QR/-X	TRANSISTOR		
Q233	2SD601A/QR/-X	TRANSISTOR		
Q352	2SD601A/QR/-X	TRANSISTOR		
Q431	UN2212-X	DIGI TRANSISTOR		
Q501	2SC4212/Z1/	TRANSISTOR		
⚠Q511	2SD2645-YD	TRANSISTOR	H OUT	
Q531	2SC2785/JH/-T	SI TRANSISTOR		
Q532	2SB709A/QR/-X	TRANSISTOR		
Q541	2SB709A/QR/-X	TRANSISTOR		
Q542	2SB709A/QR/-X	TRANSISTOR		
Q543	2SD1408/OY/-LB	POW TRANSISTOR		
Q622	2SD601A/QR/-X	TRANSISTOR		
Q623	UN2212-X	DIGI TRANSISTOR		
Q701	2SB709A/QR/-X	TRANSISTOR		
Q951	2SD1383K/AB/-X	TRANSISTOR		
Q971	2SA1208/ST/Z1-T	TRANSISTOR		
D305	1SS133-T2	DIODE		
D306	1SS133-T2	DIODE		
D307	1SS133-T2	DIODE		
D308	1SS133-T2	DIODE		
D309	1SS133-T2	DIODE		
D310	1SS133-T2	DIODE		
D352	MTZJ9.1C-T2	Z DIODE		
D353	1SS133-T2	DIODE		
D354	MTZJ3.3A-T2	Z DIODE		
D421	1N4003-T2	SI DIODE		
D422	MTZJ75-T2	Z DIODE		
D432	1SS133-T2	DIODE		
D501	RH3G-F1	SI DIODE		
D502	RU3AM-LFC4	SI DIODE		
D521	RH1S-T3	SI DIODE		
D523	RGP10J-5025-T3	SI DIODE		
D525	1SS81-T5	SI DIODE		
D526	1SS81-T5	SI DIODE		
D527	1SR124-400A-T2	SI DIODE		
D529	MTZJ5.1C-T2	Z DIODE		
⚠D531	MA4068N/Z1/-T2	Z DIODE		
D535	1SS133-T2	DIODE		
D537	1SR35-400A-T2	SI DIODE		
D601	MTZJ9.1C-T2	Z DIODE		
D602	MTZJ9.1C-T2	Z DIODE		
D603	MTZJ9.1C-T2	Z DIODE		
D700	MTZJ5.6B-T2	Z DIODE		
D701	1SS133-T2	DIODE		
D703	MTZJ5.6B-T2	Z DIODE		
D704	MTZJ5.6B-T2	Z DIODE		
D705	1SS133-T2	DIODE		
D706	MTZJ5.6B-T2	Z DIODE		
D707	MTZJ5.6B-T2	Z DIODE		
D708	MTZJ5.6B-T2	Z DIODE		
D709	MTZJ5.6B-T2	Z DIODE		
D723	MTZJ5.6B-T2	Z DIODE		
⚠D901	GSIB460-S1	BRIDGE DIODE		
D910	MA700A-T2	SB DIODE		
D911	RGP10J-5025-T3	SI DIODE		
D912	RGP10J-5025-T3	SI DIODE		
D913	RGP10J-5025-T3	SI DIODE		
D914	1SS133-T2	DIODE		
D915	SARS01-T2	SI DIODE		
D917	MTZJ30A-T2	Z DIODE		
D918	MTZJ5.1C-T2	Z DIODE		
D920	1SS133-T2	DIODE		
D931	RU30A-F1	SI DIODE		
D933	RU3YX-LFC4	SI DIODE		
D935	RU3YX-LFC4	SI DIODE		
D941	MTZJ33A-T2	Z DIODE		
D945	MTZJ9.1B-T2	Z DIODE		
D952	1SS133-T2	DIODE		
D953	1SS133-T2	DIODE		
D954	1N4002G-T2	SI DIODE		
D955	1N4002G-T2	SI DIODE		
D956	1N4002G-T2	SI DIODE		
D957	1N4002G-T2	SI DIODE		
D972	MTZJ15C-T2	Z DIODE		
D973	1SS133-T2	DIODE		
⚠PC921	TLP421F/D4-GR/	PHOTO COUPLER		
C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C003	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C004	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	
C006	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C106	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C113	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C116	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C117	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C119	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C120	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
C124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C131	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C161	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C163	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C164	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C166	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C203	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
C212	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C221	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C222	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C233	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C242	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C243	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C244	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C281	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C282	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C284	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C285	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C286	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C287	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C288	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C352	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C391	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C422	QFN32AJ-102Z	M CAPACITOR	1000pF 100V J	
C424	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
C425	QETN1VM-477Z	E CAPACITOR	470uF 35V M	
C427	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C428	QETM1EM-228	E CAPACITOR	2200uF 25V M	
C431	QFLC2AK-563Z	M CAPACITOR	0.056uF 100V K	
C432	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C433	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K	
C440	QCS32HJ-220Z	C CAPACITOR	22pF 500V J	
C501	QCB32HK-151Z	C CAPACITOR	150pF 500V K	
C502	QCB32HK-331Z	C CAPACITOR	330pF 500V K	
C503	QEHR2CM-105Z	E CAPACITOR	1uF 160V M	
C504	QEZ0203-107	E CAPACITOR	100uF 160V M	
C507	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K	
C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K	
⚠C510	QFZ0196-502	MPP CAPACITOR	5000pF 1.5kV H	
⚠C510	QFZ0200-502	MPP CAPACITOR	5000pF 1.5kV H	
⚠C513	QFZ0198-133	MPP CAPACITOR	0.013uF 1.5KV	
C514	QFP32GJ-183	PP CAPACITOR	0.018uF 400V J	
C515	QFZ0197-534	MPP CAPACITOR	0.53uF 250V J	
C515	QFZ0199-534	MPP CAPACITOR	0.53uF AV250V J	
C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K	
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M	
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M	

⚠Ref No.	Part No.	Part Name	Description Local
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M
⚠C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K
⚠C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K
⚠C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C907	QEZ0169-477	E CAPACITOR	470uF 200V M
⚠C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M
⚠C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M
⚠C998	QCZ9074-103	C CAPACITOR	0.01uF 250V
⚠C999	QCZ9074-103	C CAPACITOR	0.01uF 250V
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R505	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
⚠R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
⚠R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D
R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J
R545	QRE121J-822Y	C RESISTOR	8.2kΩ 1/2W J
R546	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R548	QRE121J-152Y	C RESISTOR	1.5kΩ 1/2W J
R553	QRL039J-180	OMF RESISTOR	18Ω 3W J
⚠R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J
R601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R621	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R622	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R623	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R624	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R627	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R631	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R632	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R638	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R639	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R652	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R653	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R705	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R718	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R729	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R733	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R766	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R811	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R855	QRG039J-100	OMF RESISTOR	10Ω 3W J
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J
R858	QRL029J-820	OMF RESISTOR	82Ω 2W J
R901	QRF074K-R47	UNF WW RESISTOR	0.47Ω 7W K
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J
R911	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R912	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
R913	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
⚠R914	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J
⚠R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J
⚠R917	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J
R918	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J
R924	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R930	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R939	QRT039J-2R2	MF RESISTOR	2.2Ω 3W J
R940	QRE121J-181Y	C RESISTOR	180Ω 1/2W J
R941	QRL029J-183	OMF RESISTOR	18kΩ 2W J
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J
R973	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J
R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R979	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J
R980	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J
⚠R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K
R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
L001	QQL244K-560Z	COIL	56uH K
L101	QQLZ014-R22	COIL	0.22uH 100mA L
L113	QQL244K-4R7Z	COIL	4.7uH K
L131	QQL244K-150Z	COIL	15uH K
L161	QQL244K-220Z	COIL	22uH K
L232	QQL244K-560Z	COIL	56uH K
L241	QQL244K-220Z	COIL	22uH K
L391	QQL244K-220Z	COIL	22uH K
L511	QQR1027-003	LINEARITY COIL	
L512	QQLZ036-821	COIL	820uH K
L521	QQLZ026-121	COIL	120uH ±7%
L701	QQL244K-220Z	COIL	22uH K
L702	QQL244K-220Z	COIL	22uH K
L704	QQL244K-220Z	COIL	22uH K
L705	QQL244K-220Z	COIL	22uH K
L931	QQL26AK-470Z	COIL	47uH K
L933	QQL26AK-470Z	COIL	47uH K
L940	QQR0582-001Z	FERRITE BEADS	
T111	QQR0907-001	IFT	
T501	CE42034-002	HOR DRIVE TRANS	
⚠T502	QQH0121-001	FB TRANSF	
⚠T921	QQS0138-001	SW TRANSF	
⚠T951	QQT0372-001	POWER TRANSF	
CF001	QAX0349-001	C TRAP	47.25MHz
CF131	QAX0639-001Z	C TRAP	4.500MHz
CF161	QAX0642-001Z	C FILTER	4.500MHz
CN001	QGB1505J1-35	CONNECTOR	B-B (1-35)
CN004	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
CN005	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
CN007	QGA2501C5-06Z	CONNECTOR	W-B (1-6)
CN00C	QGA2501F1-06	CONNECTOR	W-B (1-6)
CN0B1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)
CN0E1	CE41507-001P	LV CONNECTOR	
CN0HV	QGZ5004C1-06	CONNECTOR	(1-6)
CN0S1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)
CN0SS	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
⚠CP932	ICP-N70-T	IC PROTECTOR	2.5A
⚠CP936	ICP-N70-T	IC PROTECTOR	2.5A
⚠F901	QMF0007-5R0J1	FUSE	5A
⚠F905	QMFZ049-5R0Z-E	FUSE	5A 125V
FC901	CEMG002-001Z	FUSE CLIP	
FC902	CEMG002-001Z	FUSE CLIP	
⚠FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J
⚠FR527	QRZ9011-470	FUSI RESISTOR	47Ω 1/2W J
HS001	CEHE011-001WU	HEAT SINK	
HS002	LC31678-001A	HEAT SINK/AL-F/	
HS003	LC31677-001A	HEAT SINK/AL-F/	
HS004	CEHE015-001WU	HEAT SINK	
HS005	CM42862-00G-H	HEAT SINK ASSY	
HS007	CEHT11B-002QS	HEAT SINK	
J601	QNN0349-002	PIN JACK	COMP IN
K401	QQR0621-002Z	FERRITE BEADS	
K912	QQR0582-001Z	FERRITE BEADS	
K916	QQR0582-001Z	FERRITE BEADS	
K917	QQR0582-001Z	FERRITE BEADS	
K918	QQR0582-001Z	FERRITE BEADS	
K931	QQR0582-001Z	FERRITE BEADS	
K932	QQR0582-001Z	FERRITE BEADS	
K933	QQR0621-002Z	FERRITE BEADS	
K935	QQR0582-001Z	FERRITE BEADS	
LC601	QQR1199-001	EMI FILTER	
LC602	QQR1199-001	EMI FILTER	
LC603	QQR1199-001	EMI FILTER	
⚠LF901	QQR1085-003	LINE FILTER	
⚠RY951	QSK0086-001	RELAY	
S421	QSL4A13-C02	LEVER SWITCH	V CENTER
SF101	QAX0723-001	SAW FILTER	
⚠TH901	QAD0132-3R0	P THERMISTOR	3Ω
⚠TU001	QAU0305-001	TUNER	
⚠VA901	ERZV10V621CS	ZNR	
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W11	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W12	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
X701	QAX0717-001Z	CRYSTAL	8.000MHz
Y402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y701	QRE141J-0R0Y	C RESISTOR	0Ω 1/4W J

CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

AV SELECTER PW BOARD ASS'Y (SGE-5061A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

[AV-32432/YA]
MAIN PW BOARD ASS'Y (SGE-1062A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC101	M52342SP	IC	
IC201	TM8812CPDNG4N35	IC(MCU)	
IC421	LA7841	IC	
IC621	LA4485	IC	
IC702	AT24C04W-32430	IC	(SERVICE)
IC703	S-80840CNY-T	IC	
IC704	AN78L05-T	IC	
IC852	AN7809F	IC	
IC853	AN7805F	IC	
⚠IC911	STR-G6624/F8	IC	
⚠IC921	SE135N	IC	
Q001	UN2212-X	DIGI TRANSISTOR	
Q101	2SC5083/L-P/-T	TRANSISTOR	
Q131	2SB709A/QR/-X	TRANSISTOR	
Q161	2SD601A/QR/-X	TRANSISTOR	
Q211	2SD601A/QR/-X	TRANSISTOR	
Q232	2SD601A/QR/-X	TRANSISTOR	
Q233	2SD601A/QR/-X	TRANSISTOR	
Q352	2SD601A/QR/-X	TRANSISTOR	
Q431	UN2212-X	DIGI TRANSISTOR	
Q501	2SC4212/Z1/	TRANSISTOR	
⚠Q511	2SD2645-YD	TRANSISTOR	H OUT
Q531	2SC2785/JH/-T	SI TRANSISTOR	
Q532	2SB709A/QR/-X	TRANSISTOR	
Q541	2SB709A/QR/-X	TRANSISTOR	
Q542	2SB709A/QR/-X	TRANSISTOR	
Q543	2SD1408/OY/-LB	POW TRANSISTOR	
Q622	2SD601A/QR/-X	TRANSISTOR	
Q623	UN2212-X	DIGI TRANSISTOR	
Q701	2SB709A/QR/-X	TRANSISTOR	
Q951	2SD1383K/AB/-X	TRANSISTOR	
Q971	2SA1208/ST/Z1-T	TRANSISTOR	
D305	1SS133-T2	DIODE	
D306	1SS133-T2	DIODE	
D307	1SS133-T2	DIODE	
D308	1SS133-T2	DIODE	
D309	1SS133-T2	DIODE	
D310	1SS133-T2	DIODE	
D352	MTZJ9.1C-T2	Z DIODE	
D353	1SS133-T2	DIODE	
D354	MTZJ3.3A-T2	Z DIODE	
D421	1N4003-T2	SI DIODE	
D422	MTZJ75-T2	Z DIODE	
D432	1SS133-T2	DIODE	
D501	RH3G-F1	SI DIODE	
D502	RU3AM-LFC4	SI DIODE	
D521	RH1S-T3	SI DIODE	
D523	RGP10J-5025-T3	SI DIODE	
D525	1SS81-T5	SI DIODE	
D526	1SS81-T5	SI DIODE	
D527	1SR124-400A-T2	SI DIODE	
D529	MTZJ5.1C-T2	Z DIODE	
⚠D531	MA4068N/Z1/-T2	Z DIODE	
D535	1SS133-T2	DIODE	
D537	1SR35-400A-T2	SI DIODE	
D601	MTZJ9.1C-T2	Z DIODE	
D602	MTZJ9.1C-T2	Z DIODE	
D603	MTZJ9.1C-T2	Z DIODE	
D700	MTZJ5.6B-T2	Z DIODE	
D701	1SS133-T2	DIODE	
D703	MTZJ5.6B-T2	Z DIODE	
D704	MTZJ5.6B-T2	Z DIODE	
D705	1SS133-T2	DIODE	
D706	MTZJ5.6B-T2	Z DIODE	
D707	MTZJ5.6B-T2	Z DIODE	
D708	MTZJ5.6B-T2	Z DIODE	
D709	MTZJ5.6B-T2	Z DIODE	
D723	MTZJ5.6B-T2	Z DIODE	
⚠D901	GSIB460-S1	BRIDGE DIODE	
D910	MA700A-T2	SB DIODE	
D911	RGP10J-5025-T3	SI DIODE	
D912	RGP10J-5025-T3	SI DIODE	
D913	RGP10J-5025-T3	SI DIODE	
D914	1SS133-T2	DIODE	
D915	SARS01-T2	SI DIODE	
D917	MTZJ30A-T2	Z DIODE	
D918	MTZJ5.1C-T2	Z DIODE	
D920	1SS133-T2	DIODE	
D931	RU30A-F1	SI DIODE	
D933	RU3YX-LFC4	SI DIODE	
D935	RU3YX-LFC4	SI DIODE	

⚠Ref No.	Part No.	Part Name	Description Local
D941	MTZJ33A-T2	Z DIODE	
D945	MTZJ9.1B-T2	Z DIODE	
D952	1SS133-T2	DIODE	
D953	1SS133-T2	DIODE	
D954	1N4002G-T2	SI DIODE	
D955	1N4002G-T2	SI DIODE	
D956	1N4002G-T2	SI DIODE	
D957	1N4002G-T2	SI DIODE	
D972	MTZJ15C-T2	Z DIODE	
D973	1SS133-T2	DIODE	
⚠PC921	TLP421F/D4-GR/	PHOTO COUPLER	
C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C003	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C004	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C006	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C106	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C113	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C116	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
C117	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C119	NDC31HJ-681X	C CAPACITOR	680pF 50V J
C120	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C131	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C161	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C163	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C164	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C166	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C202	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C203	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C212	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C221	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C222	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C233	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C242	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C243	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C244	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C281	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C282	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C284	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C285	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C286	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C287	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C288	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C352	QETN1CM-336Z	E CAPACITOR	33uF 16V M
C354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C391	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C422	QFN32AJ-102Z	M CAPACITOR	1000pF 100V J
C424	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C425	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C427	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C428	QETM1EM-228	E CAPACITOR	2200uF 25V M
C431	QFLC2AK-563Z	M CAPACITOR	0.056uF 100V K
C432	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C433	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K
C440	QCS32HJ-220Z	C CAPACITOR	22pF 500V J
C501	QCB32HK-151Z	C CAPACITOR	150pF 500V K
C502	QCB32HK-331Z	C CAPACITOR	330pF 500V K
C503	QEHR2CM-105Z	E CAPACITOR	1uF 160V M
C504	QEZ0203-107	E CAPACITOR	100uF 160V M
C507	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
⚠C510	QFZ0200-502	MPP CAPACITOR	5000pF 1.5kV H
⚠C513	QFZ0198-133	MPP CAPACITOR	0.013uF 1.5KV
C514	QFP32GJ-183	PP CAPACITOR	0.018uF 400V J
C515	QFZ0199-534	MPP CAPACITOR	0.53uF 250V J
C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J

⚠Ref No.	Part No.	Part Name	Description Local
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M
⚠C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K
⚠C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K
⚠C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C907	QEZ0169-477	E CAPACITOR	470uF 200V M
⚠C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M
⚠C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M
⚠C998	QCZ9074-103	C CAPACITOR	0.01uF 250V
⚠C999	QCZ9074-103	C CAPACITOR	0.01uF 250V
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R505	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
⚠R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
⚠R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D
R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J

⚠Ref No.	Part No.	Part Name	Description	Local
R545	QRE121J-822Y	C RESISTOR	8.2kΩ 1/2W J	
R546	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R548	QRE121J-152Y	C RESISTOR	1.5kΩ 1/2W J	
R553	QRL039J-180	OMF RESISTOR	18Ω 3W J	
⚠R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J	
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J	
R601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R621	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R622	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R623	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R624	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R627	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R631	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R632	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R638	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R639	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R652	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R653	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R705	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R718	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R729	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R733	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R766	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R811	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	QRG039J-100	OMF RESISTOR	10Ω 3W J	
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J	
R858	QRL029J-820	OMF RESISTOR	82Ω 2W J	
R901	QRF074K-R47	UNF WW RESISTOR	0.47Ω 7W K	
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J	
R911	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J	
R912	QRT029J-R22	MF RESISTOR	0.22Ω 2W J	
R913	QRT029J-R22	MF RESISTOR	0.22Ω 2W J	
⚠R914	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J	
⚠R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J	
⚠R917	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J	
R918	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J	
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J	
R924	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J	
R930	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J	
R939	QRT039J-2R2	MF RESISTOR	2.2Ω 3W J	
R940	QRE121J-181Y	C RESISTOR	180Ω 1/2W J	
R941	QRL029J-183	OMF RESISTOR	18kΩ 2W J	
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R951	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J	
R973	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J	
R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J	
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R979	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J	
R980	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J	
⚠R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K	
R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J	
L001	QQL244K-560Z	COIL	56uH K	
L101	QQLZ014-R22	COIL	0.22uH 100mA L	
L113	QQL244K-4R7Z	COIL	4.7uH K	
L131	QQL244K-150Z	COIL	15uH K	
L161	QQL244K-220Z	COIL	22uH K	
L232	QQL244K-560Z	COIL	56uH K	
L241	QQL244K-220Z	COIL	22uH K	
L391	QQL244K-220Z	COIL	22uH K	
L511	QQR1027-003	LINEARITY COIL		
L512	QQLZ036-821	COIL	820uH K	
L521	QQLZ026-121	COIL	120uH ±7%	
L701	QQL244K-220Z	COIL	22uH K	
L702	QQL244K-220Z	COIL	22uH K	
L704	QQL244K-220Z	COIL	22uH K	
L705	QQL244K-220Z	COIL	22uH K	
L931	QQL26AK-470Z	COIL	47uH K	
L933	QQL26AK-470Z	COIL	47uH K	
L940	QQR0582-001Z	FERRITE BEADS		
T111	QQR0907-001	IFT		
T501	CE42034-002	HOR DRIVE TRANS		
⚠T502	QQH0121-001	FB TRANSF		
⚠T921	QQS0138-001	SW TRANSF		
⚠T951	QQT0372-001	POWER TRANSF		
CF001	QAX0349-001	C TRAP	47.25MHz	
CF131	QAX0639-001Z	C TRAP	4.500MHz	
CF161	QAX0642-001Z	C FILTER	4.500MHz	
CN001	QGB1505J1-35	CONNECTOR	B-B (1-35)	
CN004	QGA2501C5-05Z	CONNECTOR	W-B (1-5)	
CN005	QGA2501C5-04Z	CONNECTOR	W-B (1-4)	
CN007	QGA2501C5-06Z	CONNECTOR	W-B (1-6)	
CN00C	QGA2501F1-06	CONNECTOR	W-B (1-6)	
CN0B1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)	
CN0E1	CE41507-001P	LV CONNECTOR		
CN0HV	QGZ5004C1-06	CONNECTOR	(1-6)	
CN0S1	QGA2501C5-03Z	CONNECTOR	W-B (1-3)	
CN0SS	QGA2501C5-04Z	CONNECTOR	W-B (1-4)	
⚠CP932	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP936	ICP-N70-T	IC PROTECTOR	2.5A	
⚠F901	QMF0007-5R0J1	FUSE	5A	
⚠F905	QMFZ049-5R0Z-E	FUSE	5A 125V	
FC901	CEMG002-001Z	FUSE CLIP		
FC902	CEMG002-001Z	FUSE CLIP		
⚠FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J	
⚠FR527	QRZ9011-470	FUSI RESISTOR	47Ω 1/2W J	
HS001	CEHE011-001WU	HEAT SINK		
HS002	LC31678-001A	HEAT SINK/AL-F/		
HS003	LC31677-001A	HEAT SINK/AL-F/		
HS004	CEHE015-001WU	HEAT SINK		
HS005	CM42862-00G-H	HEAT SINK ASSY		
HS007	CEHT11B-002QS	HEAT SINK		
J601	QNN0349-002	PIN JACK	COMP IN	
K401	QQR0621-002Z	FERRITE BEADS		
K912	QQR0582-001Z	FERRITE BEADS		
K916	QQR0582-001Z	FERRITE BEADS		
K917	QQR0582-001Z	FERRITE BEADS		
K918	QQR0582-001Z	FERRITE BEADS		
K931	QQR0582-001Z	FERRITE BEADS		
K932	QQR0582-001Z	FERRITE BEADS		
K933	QQR0621-002Z	FERRITE BEADS		
K935	QQR0582-001Z	FERRITE BEADS		
LC601	QQR1199-001	EMI FILTER		
LC602	QQR1199-001	EMI FILTER		
LC603	QQR1199-001	EMI FILTER		
⚠LF901	QQR1085-003	LINE FILTER		
⚠RY951	QSK0086-001	RELAY		
S421	QSL4A13-C02	LEVER SWITCH	V CENTER	
SF101	QAX0723-001	SAW FILTER		
⚠TH901	QAD0132-3R0	P THERMISTOR	3Ω	
⚠TU001	QAU0305-001	TUNER		
⚠VA901	ERZV10V621CS	ZNR		
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W11	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W12	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description Local
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
X701	QAX0717-001Z	CRYSTAL	8.000MHz
Y402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y701	QRE141J-0R0Y	C RESISTOR	0Ω 1/4W J

CRT SOCKET PW BOARD ASS'Y (SGE-3062A-M2)

REFER TO PARTS LIST IN PAGE 3-18 FOR THIS P.W. BOARD.

AV SELECTER PW BOARD ASS'Y (SGE-5061A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

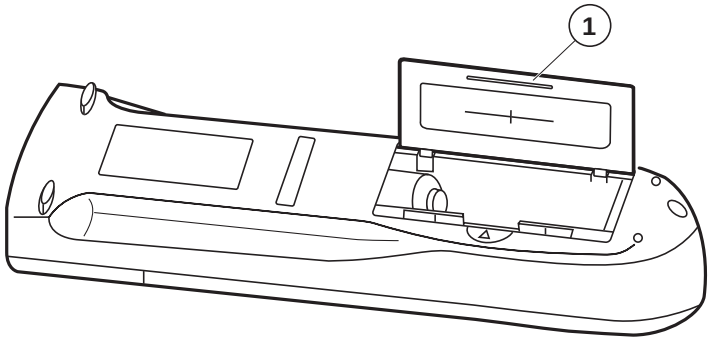
FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

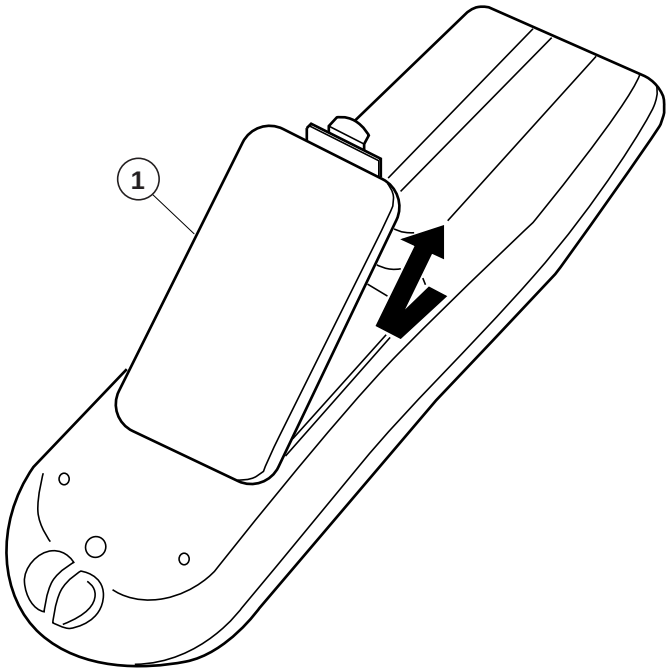
REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C1255G-1H)



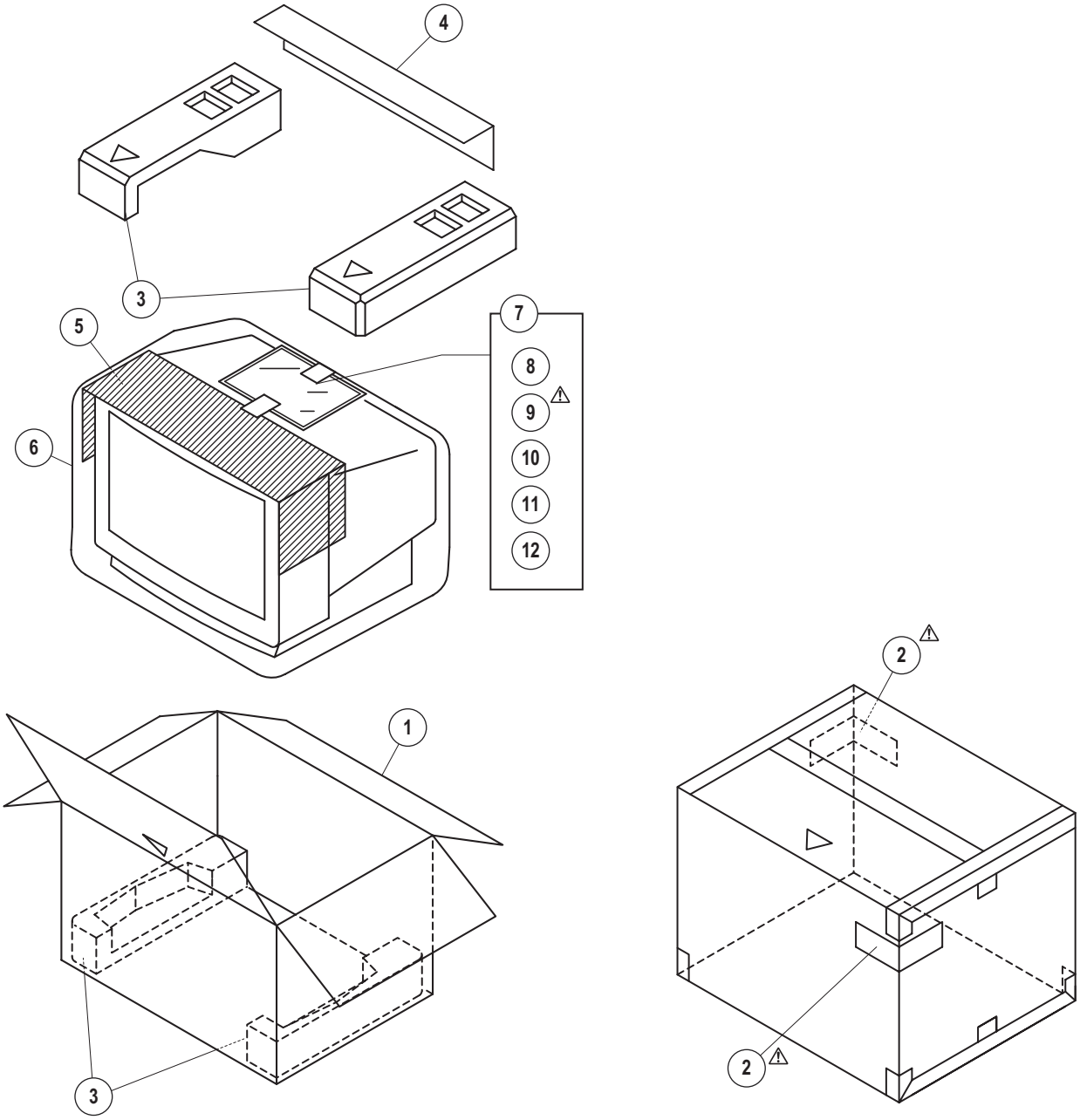
⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	UR77EC0603	BATTERY COVER		

REMOTE CONTROL UNIT PARTS LIST (RM-C203-1C)



⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LP40991-001C	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	CP11499-D18-A	PACKING CASE		
⚠	2	CM36616-001-A	CORNER LABEL		
	3	LC10176-002C-A	CUSHION ASSY	4pcs in 1set	
	4	GQ30043-008A-A	TOP PAD		
	5	CP30055-A02-A	TOP COVER		
	6	CP30056-A04-A	POLY BAG		
	7	QPA02503505	POLY BAG	25cm x 35cm	
	8	RM-C203-1C	REMOCON UNIT		AV-32430MA,AV-32430RA,AV-32430YA
	8	RM-C1255G-1H	REMOCON UNIT		AV-32432MA,AV-32432RA,AV-32432YA
⚠	9	LCT1319-001A-A	INST BOOK		
	10	BT-51028-2Q	REGISTRATION C		
	11	BT-52006-1Q	WARRANTY CARD		AV-32430MA,AV-32430RA,AV-32430YA
	11	BT-52006-2Q	WARRANTY CARD		AV-32432MA,AV-32432RA,AV-32432YA
	12	----------	DRY BATTERY	R6P AA (x2)	